

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☒ LOCATION INSPECTED ☒ SUB REPORT/abd

DATE FILED OCTOBER 23, 1995

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-13905

INDIAN

DRILLING APPROVED: DECEMBER 6, 1995

SPUDDED IN: December 20, 1995

COMPLETED: 2-23-96 PAW PUT TO PRODUCING: 2-23-96

INITIAL PRODUCTION: 48 BOPD; 50 MCF; 3 BWPD

GRAVITY A.P.I.

GOR. 1.04

PRODUCING ZONES: 4143-5145' (GRRV)

TOTAL DEPTH: 5148'

WELL ELEVATION: 5273' GR

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. S. PLEASANT VALLEY FEDERAL 1-21

API NO. 43-013-31563

LOCATION 820 FNL FT. FROM (N) (S) LINE. 699 FEL

FT. FROM (E) (W) LINE NE NE

1/4 - 1/4 SEC. 21

TWP	RGE	SEC.	OPERATOR	TWP	RGE	SEC.	OPERATOR
9S	17E	21	INLAND PRODUCTION CO				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaita Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden Gulch Mor	Dakota	Park City	McCracken
Point 3	Burro Canyon	Rico (Goodridge)	Aneth
X Marker	Cedar Mountain	Supai	Simonson Dolomite
Y Marker	Buckhorn	Wolfcamp	Sevy Dolomite
Douglas Creek	JURASSIC	CARBON I FEROUS	North Point
Washburn Carbonate	Morrison	Pennsylvanian	SILURIAN
Shinarump B Limestone	Salt Wash	Oquirrh	Laketown Dolomite
Castle Peak	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NE/NE 820' FNL & 699' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 miles northeast of Myton, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

699'

16. NO. OF ACRES IN LEASE

2272.26'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1414'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

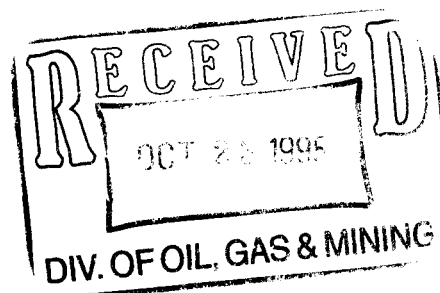
5273' GR

22. APPROX. DATE WORK WILL START*

Last Quarter 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24#	300'	240 sx Class G + 2% CaCl
7 7/8	5 1/2	15.5#	TD	530 sx Hilift followed by
				450 sx Class G w/ 2% CaCl



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mecham

TITLE Operations Manager

DATE 10/17/95

(This space for Federal or State office use)

PERMIT NO. 43-013-31563

APPROVAL DATE

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE Petrochem Engineer

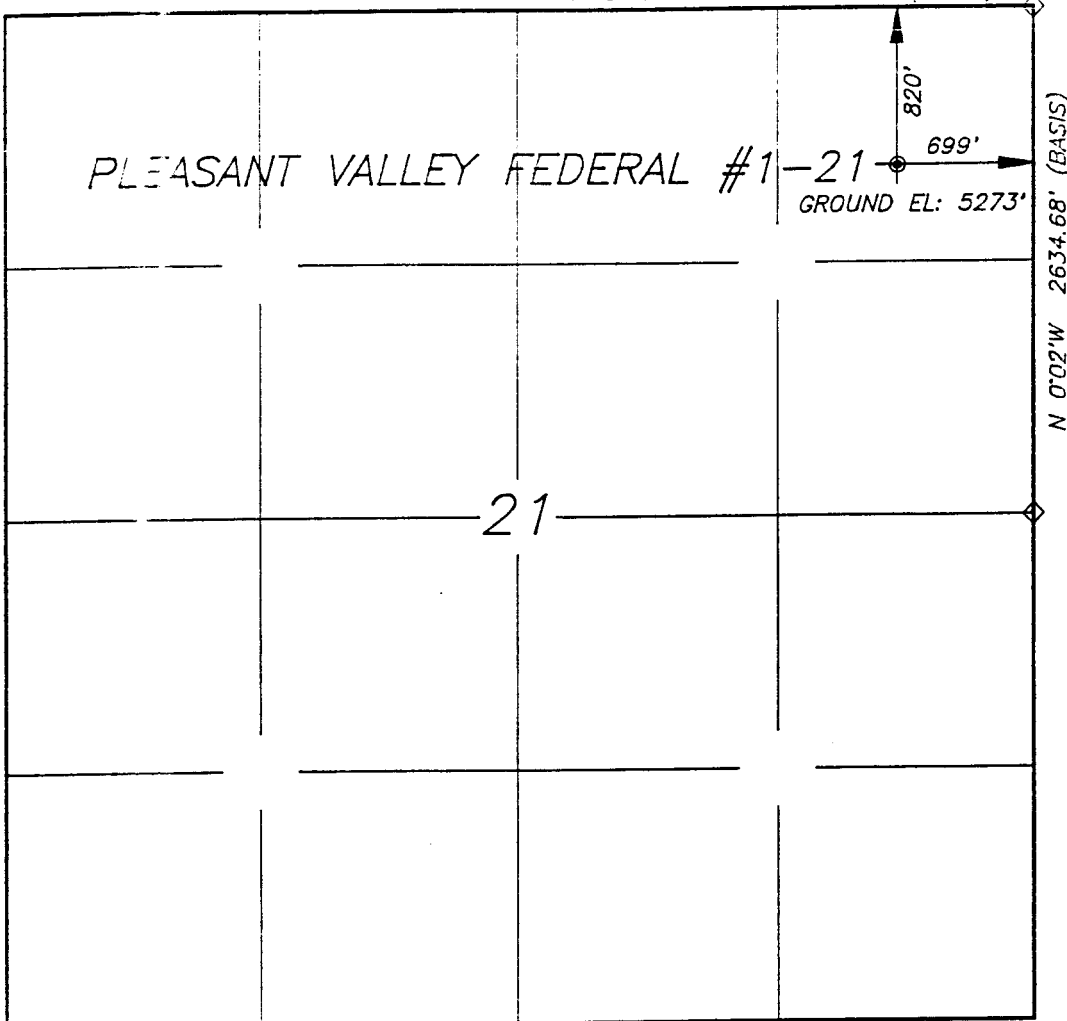
DATE 12/6/95

*See instructions On Reverse Side

INLAND PRODUCTION CO.
WELL LOCATION PLAT
PLEASANT VALLEY FEDERAL #1-21

LOCATED IN THE NE1/4 OF SECTION 21, T9S, R17E, ...

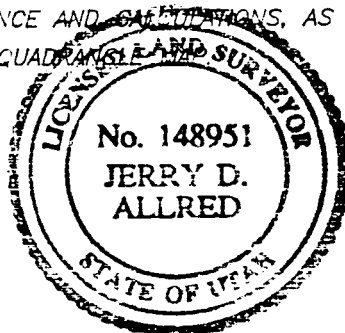
N 89°59' W 39.99 CHS. (G.L.O.)



LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUADRANGLE.

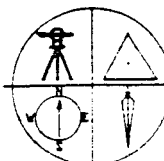


SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

Jerry D. Allred

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTRE STREET
P.O. BOX 87
DUCHESNE, UTAH 84001
(801)-738-5000

13 OCT 1995

84-121-031

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

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DEEPEN ☐

PLUG BACK ☐

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GAS
WELL ☐

OTHER

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ZONE ☐

MULTIPLE
ZONE ☐

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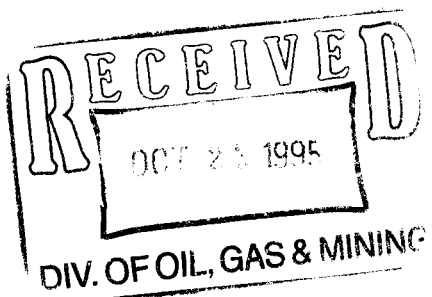
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Last Quarter 1995

23.

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SIGNED Brad Mecham

TITLE Operations Manager

DATE 10/17/95

(This space for Federal or State office use)

PERMIT NO. 43-013-31563

APPROVAL DATE

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE Petroleum Engineer

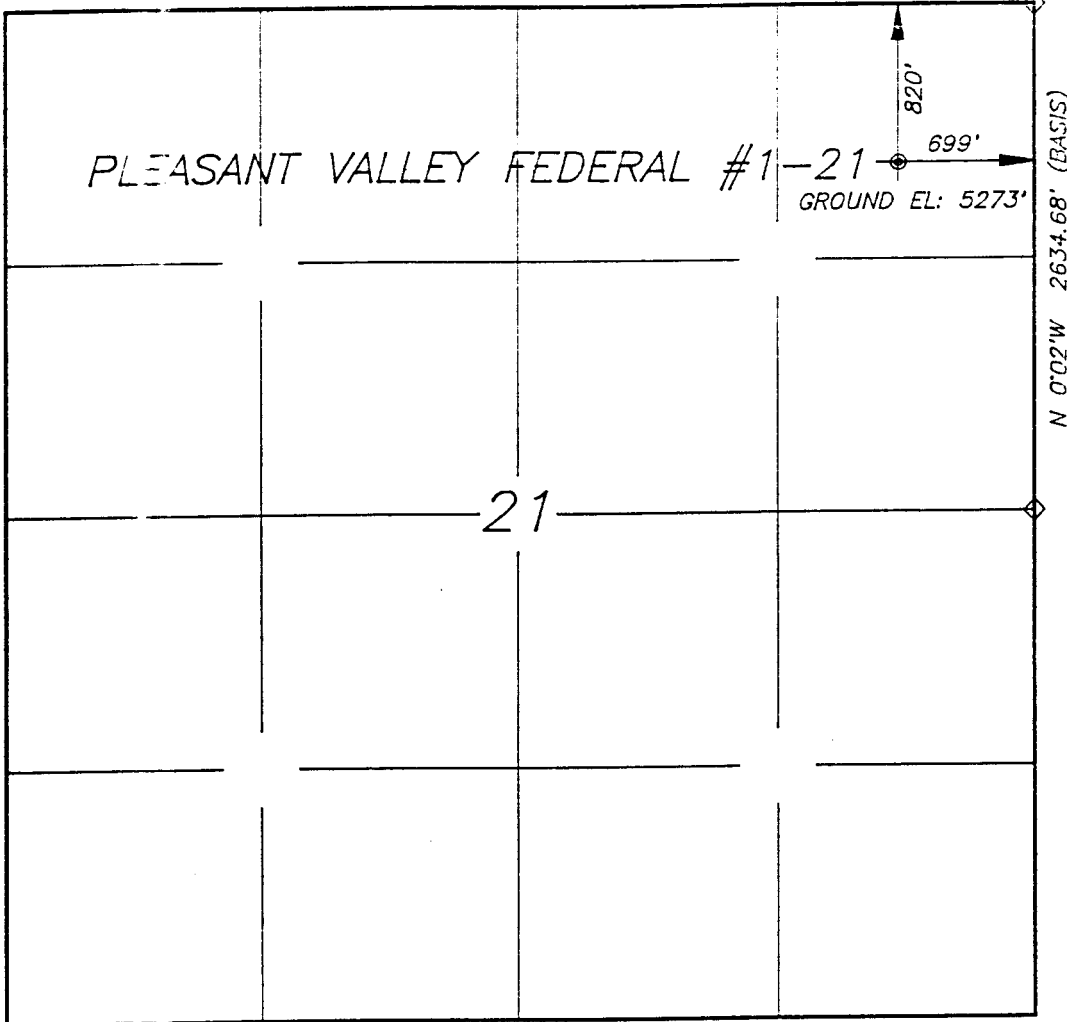
DATE 12/6/95

*See Instructions On Reverse Side

INLAND PRODUCTION CO.
WELL LOCATION PLAT
PLEASANT VALLEY FEDERAL #1-21

LOCATED IN THE NE 1/4 OF SECTION 21, T9S, R17E, S. 12E

N 89°59' W 39.99 CHS. (G.L.O.)



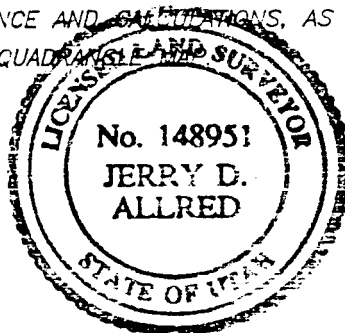
NORTH

SCALE: 1" = 1000'

LEGEND AND NOTES

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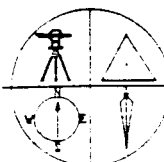


SURVEYOR'S CERTIFICATE

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Jerry D. Allred

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER STREET
P.O. BOX 100
DUCHESTER, UTAH 84001
(801)-735-0001

13 OCT 1995

84-121-031

***SOUTH PLEASANT VALLEY FEDERAL #1-21
NE/NE SEC. 21, T9S, R17E
DUCHESNE COUNTY, UTAH
U-13905***

HAZARDOUS MATERIAL DECLARATION

INLAND PRODUCTION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

INLAND PRODUCTION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT
R.R. 3 BOX 3188
ROOSEVELT, UT 84066
TELEPHONE (801) 722-2620

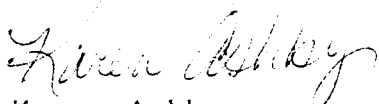
October 17, 1995

TO WHOM IT MAY CONCERN:

Inland Production Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Pleasant Valley Federal 1-21.

Sincerely,



Karen Ashby,
Secretary

**INLAND PRODUCTION COMPANY
SOUTH PLEASANT VALLEY FEDERAL #1-21
NE/NE SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3030'
Green River	3030'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 4000' - 6200' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the Green River Formation @ approximately 3030', and mud there after. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the 4th quarter of 1995 and take approximately eight (8) days to drill.

**INLAND PRODUCTION COMPANY
SOUTH PLEASANT VALLEY FEDERAL #1-21
NE/NE SECTION 21, T9S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site South Pleasant Valley Federal #1-21 located in the NE1/4 NE 1/4 Section 21, T9S, R17E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles = to the junction of this highway and Utah State Highway 53 : proceed southerly along Utah State Highway 53 - 11.6 miles to its junction with an existing dirt road to the South: proceed southerly along this road 1.0 miles to its intersection with an existing dirt road to the East. Proceed Easterly along this road .8 miles to the beginning of the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 meets the existing dirt road, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SE 1/4 NE 1/4 Section 21, T9S, R17E, S.L.B. & M. and proceeds in a southeasterly direction approximately 1100' to the proposed location.

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 2%.

There will no culverts required along this access road. There will no water turnouts constructed along this road.

There is one (1) fence encountered along this proposed road. There will be one (1) new gate and no new cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

There are three (3) existing CKM wells, and one (1) producing Inland Production wells within a one mile radius of the proposed location. See exhibit "D"

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery. The integrity of the dike will be maintained.

Tank batteries will be placed on a per Sundry Notice if the well is completed as a producer.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

At the present time, it is anticipated that the water for this well will be transported by truck from our pre-approved Inland Production Company fresh water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E) location as indicated on Topographic Map -Exhibit "C".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A reserve pit will be constructed and lined with a plastic nylon reinforced liner so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed one hundred twenty (120) days. During the one hundred twenty (120) day period, in accordance with the Onshore Order #7, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the east between stakes 4 & 5.

There will be no flare pit on this location.

The stockpiled topsoil (first six (6) inches) will be stored on the northwest corner by stake #8.

Access to the well pad will be from the east side between stakes 2 & 3.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

- a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The plastic nylon reinforced liner will be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, all cans, barrels, pipe, etc., removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** - B.L.M.12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Exploration Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals. The Archaeological Cultural Resource Survey will be submitted as soon as it becomes available.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Exploration is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Exploration shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATIONRepresentative

Name: Brad Mecham
Address: P.O. Box 1446 Roosevelt, Utah 84066
Telephone: (801) 722-5103

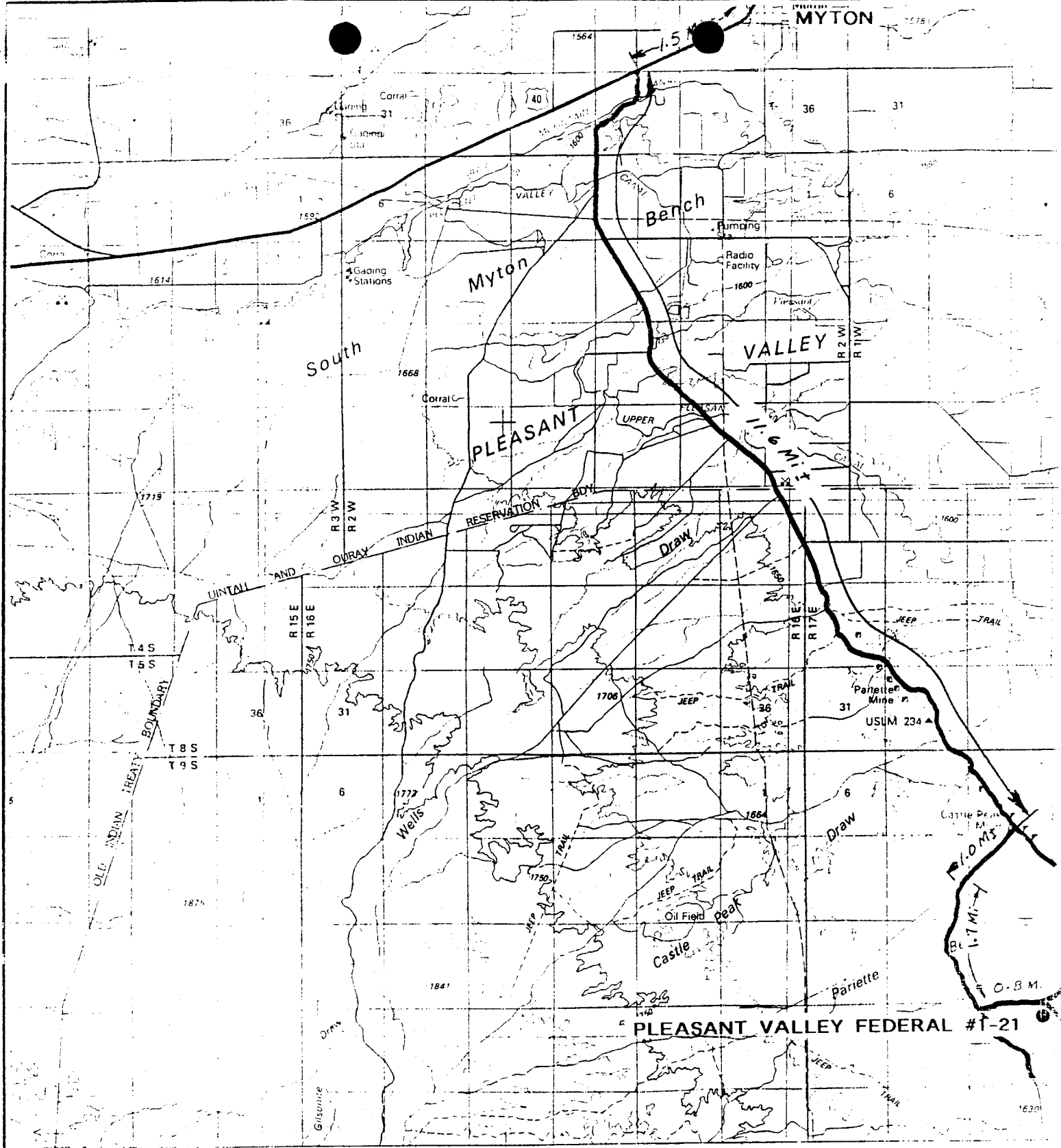
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #1-21 NE/NE Section 21, Township 9S, Range 17E: Lease #U-13905; Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10-20-95
Date

Brad Mecham
Brad Mecham
Operations Manager



TOPOGRAPHIC
MAP "A"

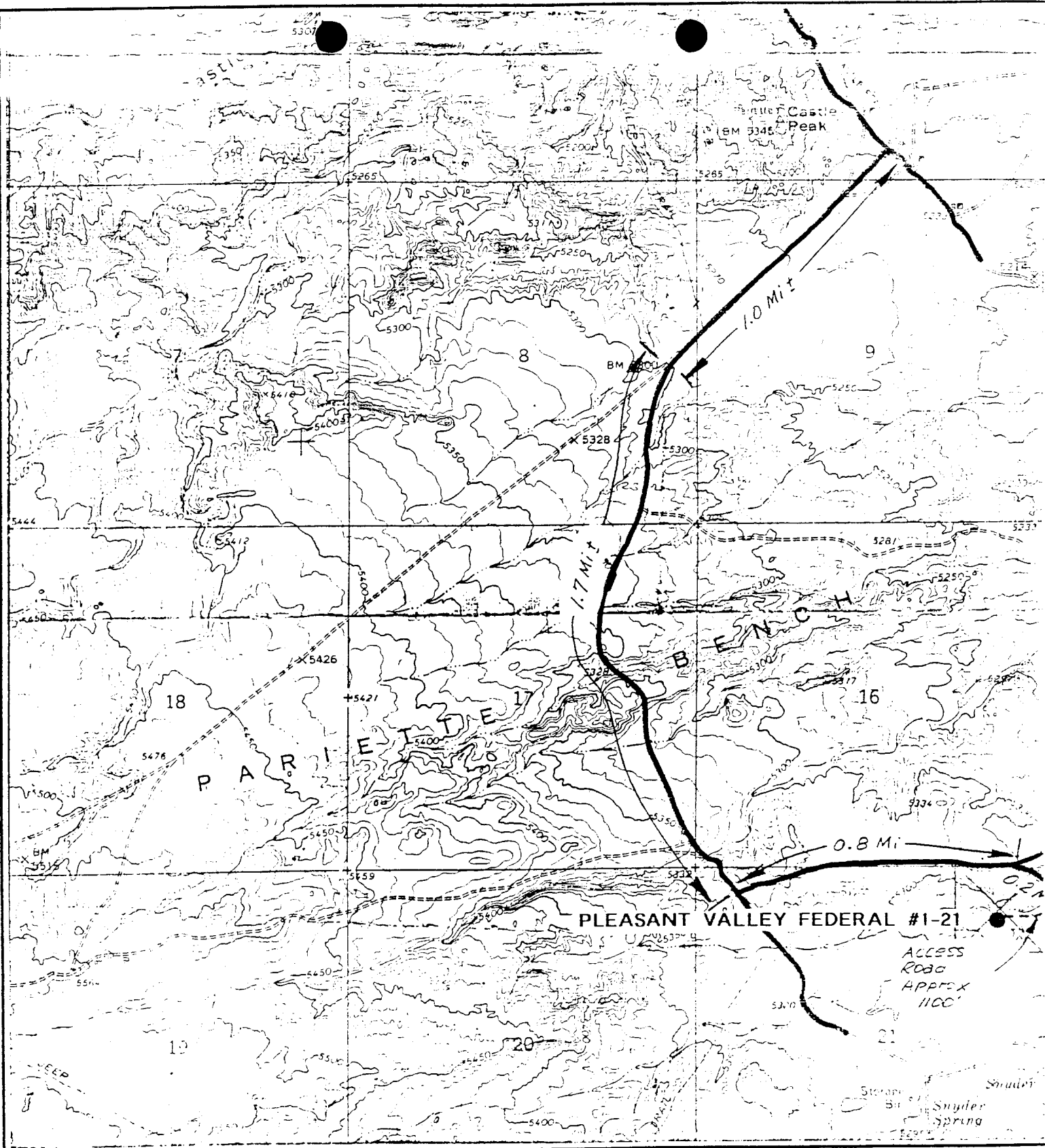


INLAND PRODUCTION COMPANY

**PLEASANT VALLEY FEDERAL #1-21
SECTION 21, T9S, R17E, S.L.B.&M.**

13 Oct '95

84-121-031



TOPOGRAPHIC
MAP "B"
SCALE: 1" = 2000'



INLAND PRODUCTION COMPANY

PLEASANT VALLEY FEDERAL #1-21
SECTION 21, T9S, R17E, S.L.B.&M.

13 Oct 195

84-21-031

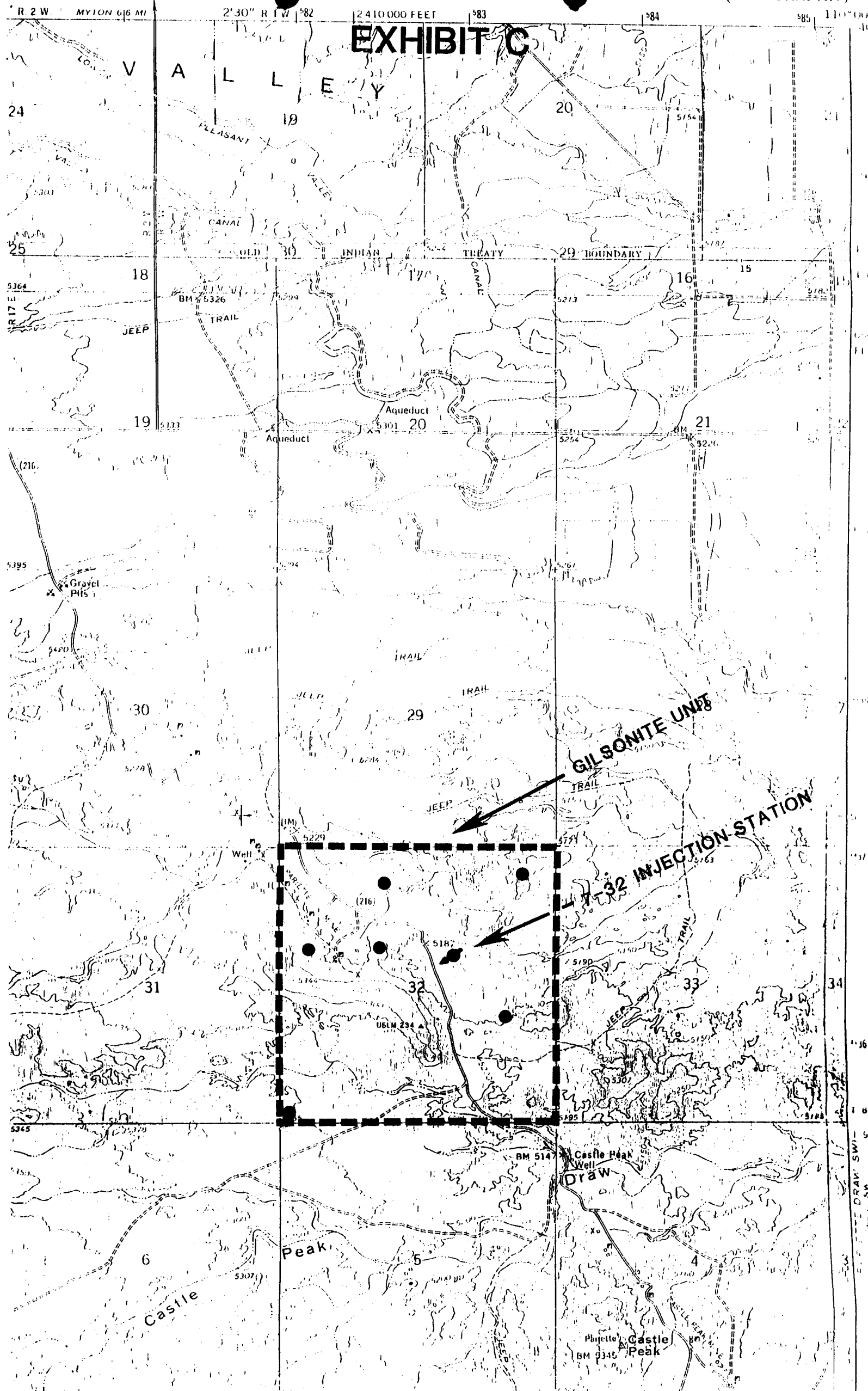


EXHIBIT C

GILSONITE UNIT

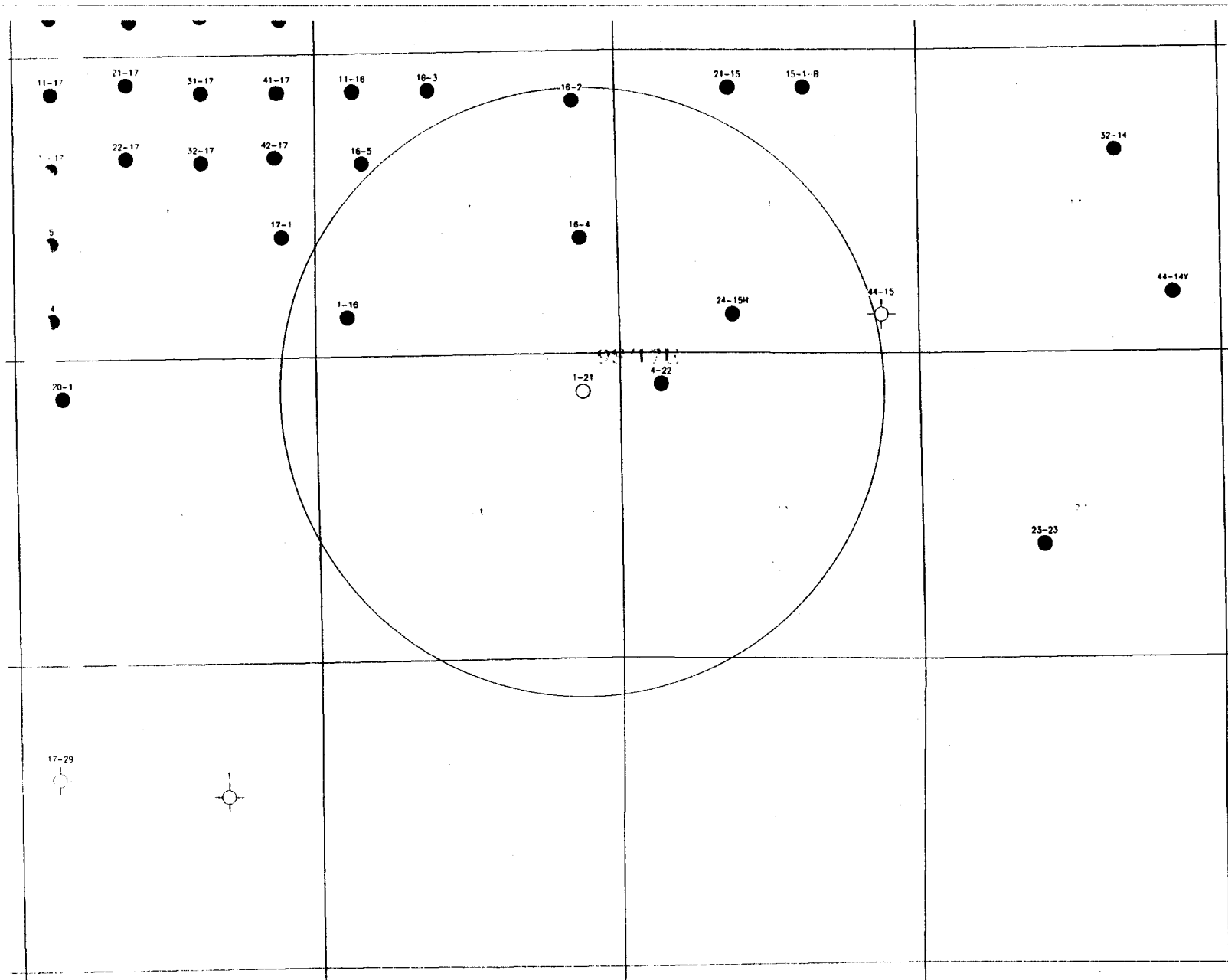
7-32 INJECTION STATION


Castle Peak

Plymouth Castle Peak

Castle

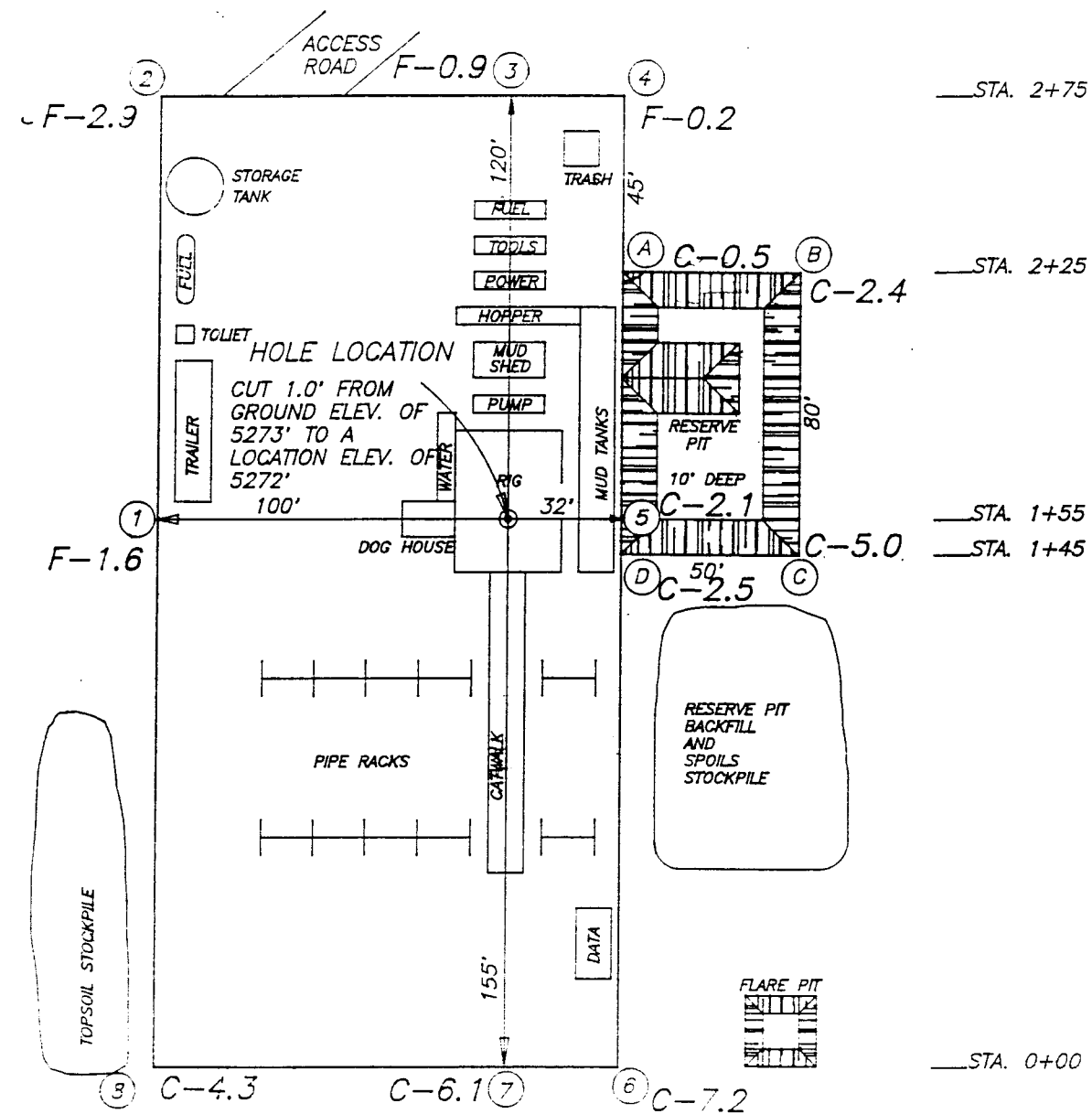
Peak



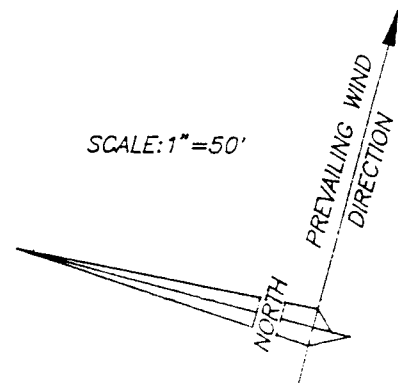
 47517th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303) 292-0900
 Pleasant Valley #1-21
 Op. Mile. Radius Exhibit D
 Duchesne County, Utah
 D.G.



INLAND PRODUCTION CO. WELL LAYOUT PLAT PLEASANT VALLEY FEDERAL #1-21



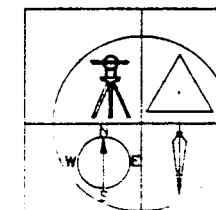
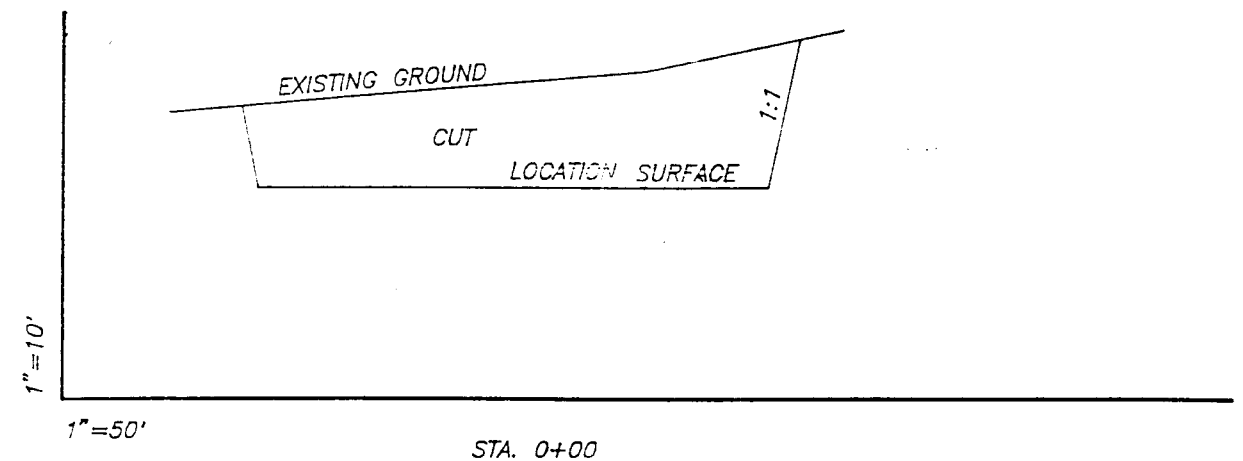
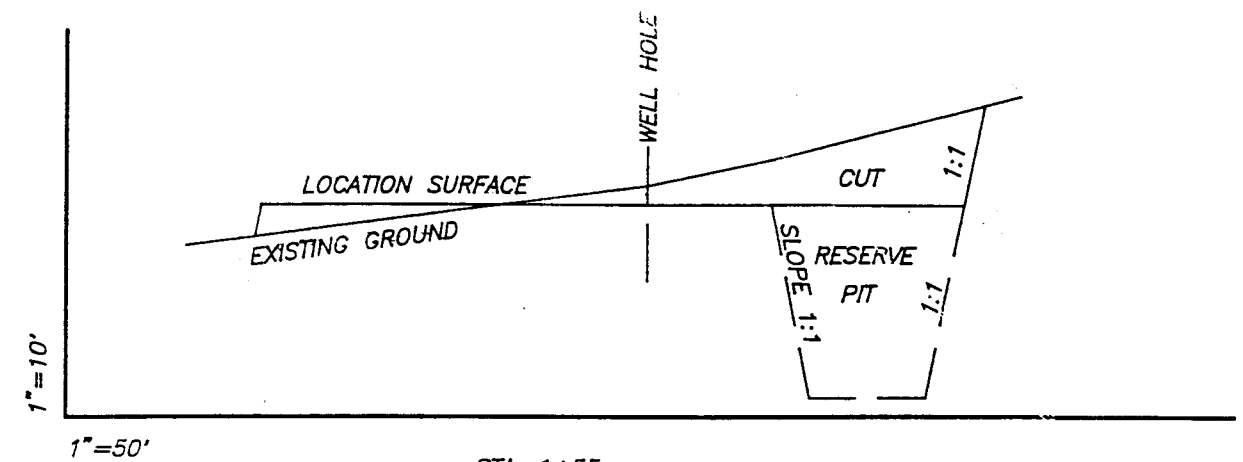
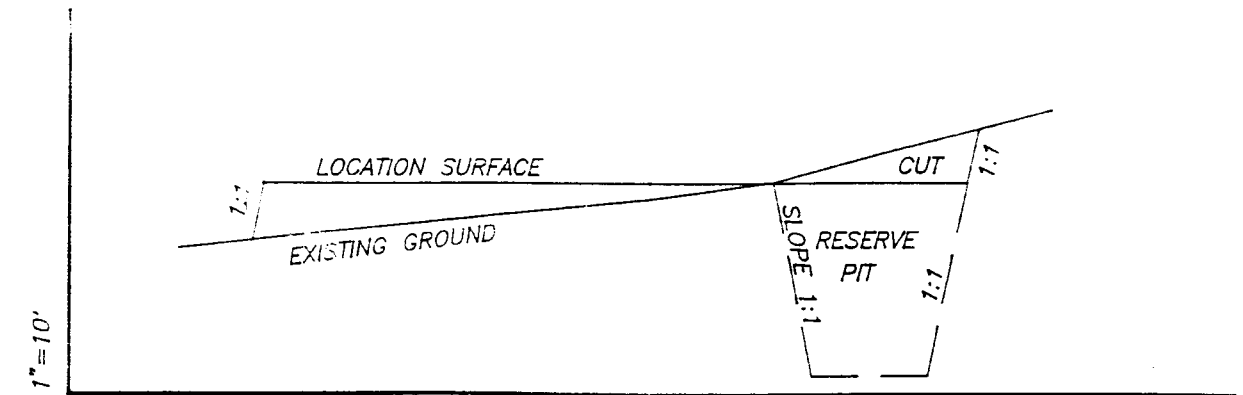
SCALE: 1"=50'



APPROXIMATE QUANTITIES

CUT: 4200 CU. YDS. (INCLUDES PIT)
FILL: 800 CU. YDS.

LOCATED IN THE NE1/4 OF THE NE1/4 OF SECTION 21,
TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.B.&M



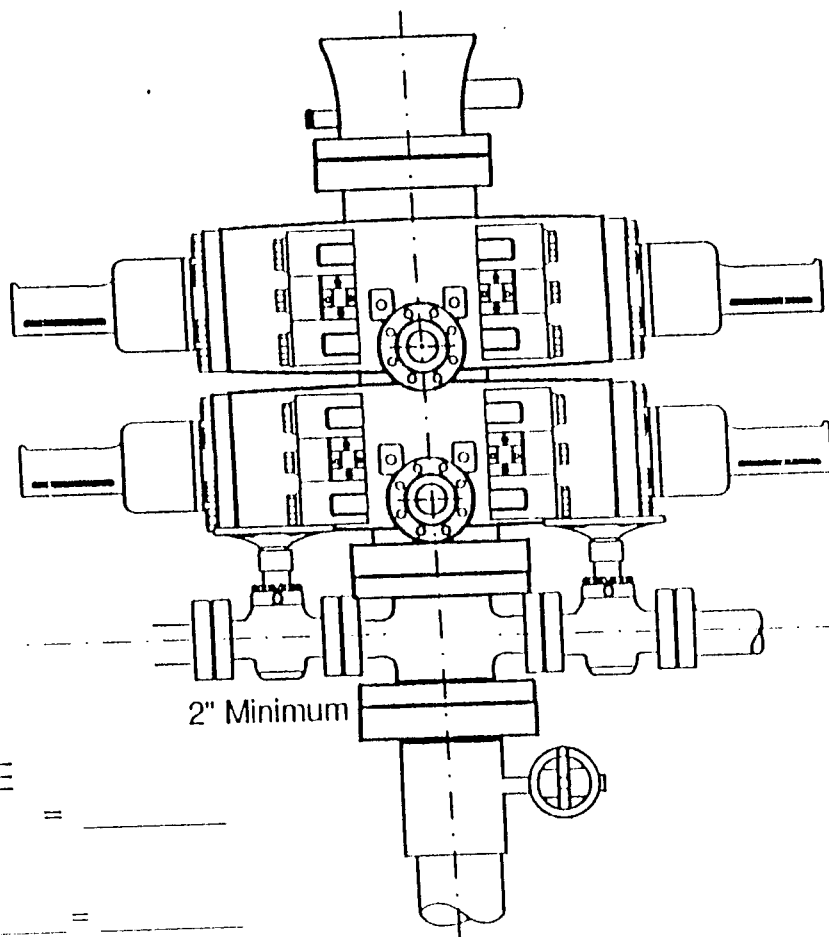
JERRY D. ALLRED AND ASSOCIATES
Surveying and Engineering Consultants

121 NORTH CENTER STREET
P.O. BOX 975
DUCHESTER, UTAH 84021
(801) 738-5352

RAM TYPE B.O.P.
 Male:
 Size:
 Model:

2-M SYSTEM

EXHIBIT F



2" Minimum

G/L TO CLOSE

Annular BOP = _____

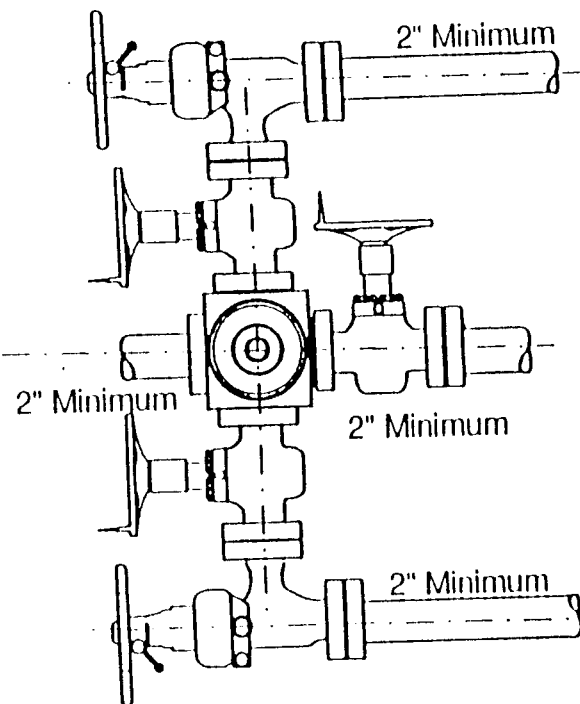
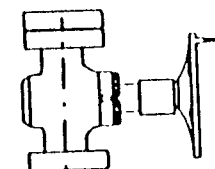
Ramtype BOP

Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/23/95

API NO. ASSIGNED: 43-013-31563

WELL NAME: S. PLEASANT VALLEY FED. 1-21
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

NENE 21 - T09S - R17E
SURFACE: 0820-FNL-0699-FEL
BOTTOM: 0820-FNL-0699-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 13905

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4489944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number GILSENITE ST 2-32)
☒ RDCC Review (Y/N)
(Date: _____)

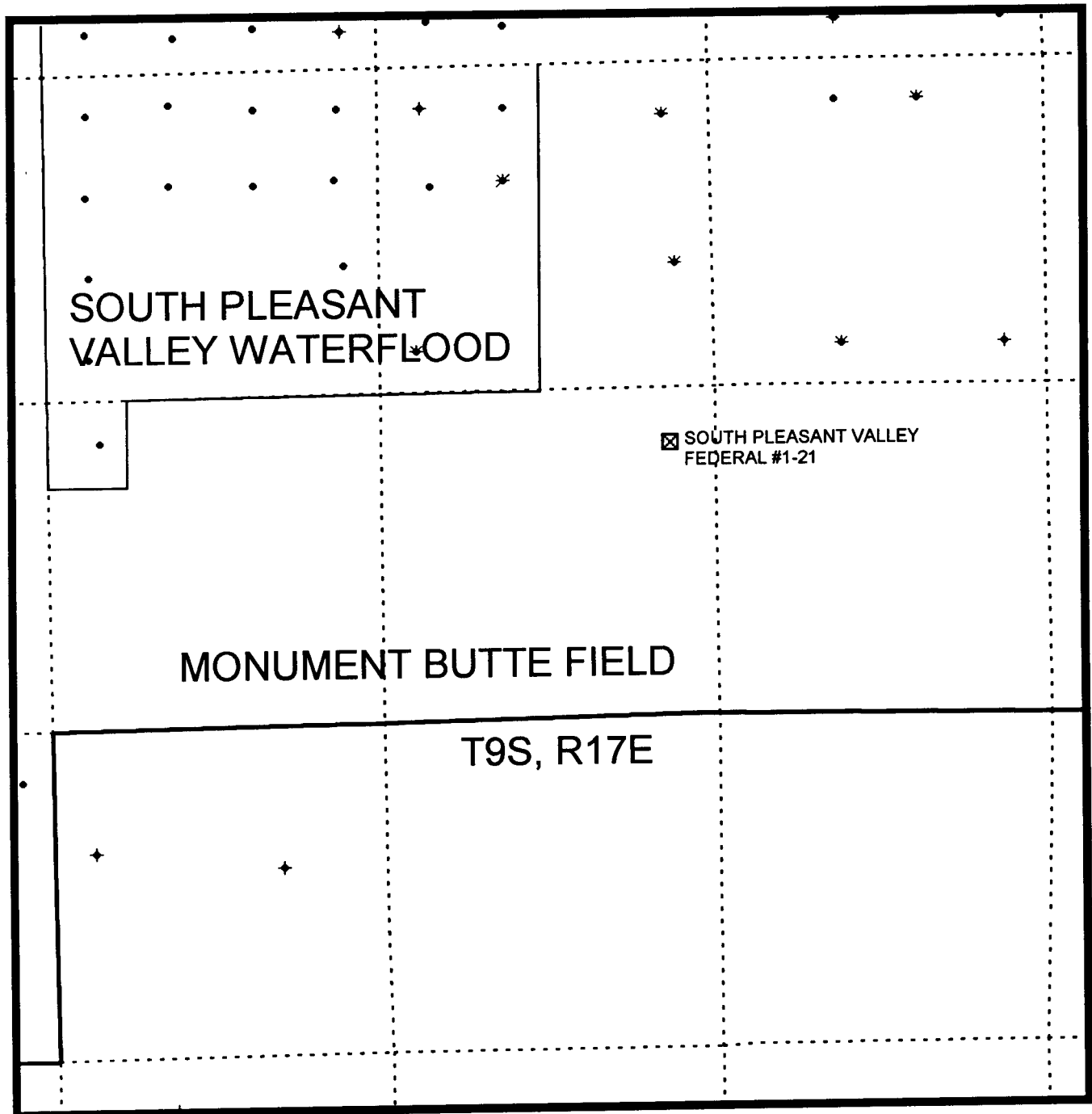
LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

MONUMENT BUTTE FIELD
INLAND PRODUCTION DEVELOPMENT
S. PLEASANT VALLEY WATERFLOOD
SEC. 21, T9S, R17E,
DUCHESNE COUNTY, STATE SPACING



SECONDARY
RECOVERY
STEPOUT
STATE SPACING

PREPARED:
DATE: 10/26/9



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 6, 1995

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Re: S. Pleasant Valley Federal #1-21 Well, 820' FNL, 699' FEL, NE NE, Sec. 21,
T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31563.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WAPD



Operator: Inland Production Company
Well Name & Number: S. Pleasant Valley Federal #1-21
API Number: 43-013-31563
Lease: U-13905
Location: NE NE Sec. 21 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION

Well Name: S. PLEASANT VALLEY FEDERAL 1-21

Api No. 43-013-31563

Section 21 Township 9S Range 17E County DUCHESNE

Drilling Contractor APOLLO

Rig # 57

SPUDDED: Date 12/20/95

Time 2:30 PM

How DRY HOLE

Drilling will commence

Reported by D. INGRAM-DOGM

Telephone #

Date: 12/27/95 SIGNED: JLT

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

OPERATOR ACCT. NO. 5160

ADDRESS P.O. Box 1446

Roosevelt, UT 84066

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	11870	43-013-31563	S. Pleasant Valley Fed. 1-21	NENE	21	9S	17E	Duchesne	12/20/95	12/20/9
WELL 1 COMMENTS: <i>Entity added 12-2-96. Lc</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3/89)

Cheryl Cameron
Signature Cheryl Cameron

Regulatory Compliance Spec
Title Date

Phone No. 801 722-5103

10:51 No.007 P.02

Dec 21, 95

TEL:801-722-5103

INLAND PRODUCTION CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

22 1995

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE 820' FNL & 699' FEL
Sec. 21, T9S, R17E

5. Lease Designation and Serial No.

U-13905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

S.P.V.F. #1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status Report**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled 12 $\frac{1}{4}$ " hole to 30' w/ Leon Ross Rathole Rig. Spud @ 2:30 PM on 12/20/95.

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 12/21/95

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE 820' FNL & 699' FEL
Sec. 21, T9S, R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-13905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

S.P.V. Federal #1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Weekly Status

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WEEKLY STATUS REPORT FOR WEEK OF 12/21/95 - 12/23/95:

Finish drilling surface hole from 30' - 305'. RIH w/ 301' of 8 5/8" 24# J-55 csg. Cmt w/ 120 sx Prem V + 2% Gel + 2% CaCl w/ 1/4#/ sk Flocele. Drill Rat & Mouse hole.

WEEKLY STATUS REPORT FOR WEEK OF 1/4/96 - 1/8/96:

Drilled 7 7/8" hole from 305' - 5618' w/ Kenting Apollo, Rig #59. RIH w/ 5618' of 5 1/2" 15.5# J-55 csg. Cmt w/ 235 sx HiFill, followed by 215 sx Thixo w/ 10% CalSeal.

W/O Completion Rig

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 1/09/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

NE/NE 820' ENL & 699' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 miles northeast of Myton, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 699'

16. NO. OF ACRES IN LEASE

2272.26'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1414'

19. PROPOSED DEPTH

6500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5273' GR

22. APPROX. DATE WORK WILL START*

Last Quarter 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24#	300'	240 sx Class G + 2% CaCl
7 7/8	5 1/2	15.5#	TD	530 sx Hilift followed by
				450 sx Class G w/ 2% CaCl

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mecham

TITLE Operations Manager

DATE 10/17/95

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE DEC 6 1995

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: S. Pleasant Fed. 1-21

API Number: 43-013-31563

Lease Number: U-13905

Location: NENE Sec. 21 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale, identified at \pm 2469 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to 2269 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)
Inland Production Company - Well #1-21

Planned Access Road

If a fence line is not encountered along this proposed road then a new gate will not be required.

Plans For Reclamation Of Location

If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas on the well pad, **contact** the authorized officer of the BLM for a seed mixture to return these areas to revegetation.

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area, the stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM.

Well Site Layout

The distance from center stake to corner #1 or that portion of the pad north of the center stake will be only 90 feet to prevent fill material from entering the drainage.

Other Information

If the access road and oil well pad are scheduled to be constructed or the well is to be drilled between March 15 and August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

If this is a producing well, to reduce disturbance to potential roosting or nesting bird species in the area the pumping unit will be equipped with a high quality muffler to reduce the noise level of the pumping unit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE 820' FNL & 699' FEL
Sec. 21, T9S, R17E

5. Lease Designation and Serial No.

U-13905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

S.P.V. Federal #1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Completion Operations**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Basin, Rig #6 is scheduled to rig up on 2/12/96, to begin the completion operations for the S. Pleasant Valley Federal #1-21.

14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron**

Title **Regulatory Compliance Specialist** Date **2/6/96**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

6 1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-13905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

S.P.V. Federal #1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/NE 820' FNL & 699' FEL

Sec. 21, T9S, R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Weekly Status**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WEEKLY STATUS REPORT FOR WEEK OF 2/12/96 - 2/18/96:

2/12/96: MI Basin #6

2/13/96: Perf CP sd @ 5132'-5145'

Frac w/ 55,840# 20/40 sd in 18,580 gals boragel

2/15/96: Perf A sd @ 4880'-88', 4693'-4707', 4714'-4725'

Frac w/ 78,500# 20/40 sd in 23,100 gals boragel

2/21/96: RIH w/ 1½" THD pump, 4 - 1½" wt rods, 4 - 3/4" scraped rods, 100 - 3/4" plain, 96 - 3/4" scraped rods, 1-8', 1-6', 3/4" pony's, 1 - ½" X 22' polished. Seat pump.

ON PRODUCTION @ 2:00 PM 2/23/96

14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron** Title **Regulatory Compliance Specialist** Date **2/23/96**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH

Operator: INLAND PRODUCTION Lease: State: Federal: X Indian: Fee:

Well Name: S.P.V.F. #1-21 API Number: 43-013-31563

Section: 21 Township: 9S Range: 17E County: DUCHESNE Field: S.P.V.F.

Well Status: POW Well Type: Oil: YES Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): Compressor(s): Separator(s): Dehydrator(s):

Shed(s): Line Heater(s): Heated Separator(s): VRU:

Heater Treater(s): (1)

PUMPS:

Triplex: Chemical: Centrifugal: (1)

LIFT METHOD:

Pumpjack: (1) Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: Sales Meter: (1)

TANKS:

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400 OIL BBLS

Water Tank(s): YES 1-200 WATER BBLS

Power Water Tank: BBLS

Condensate Tank(s): BBLS

Propane Tank: (1)

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: Section: Township: Range:

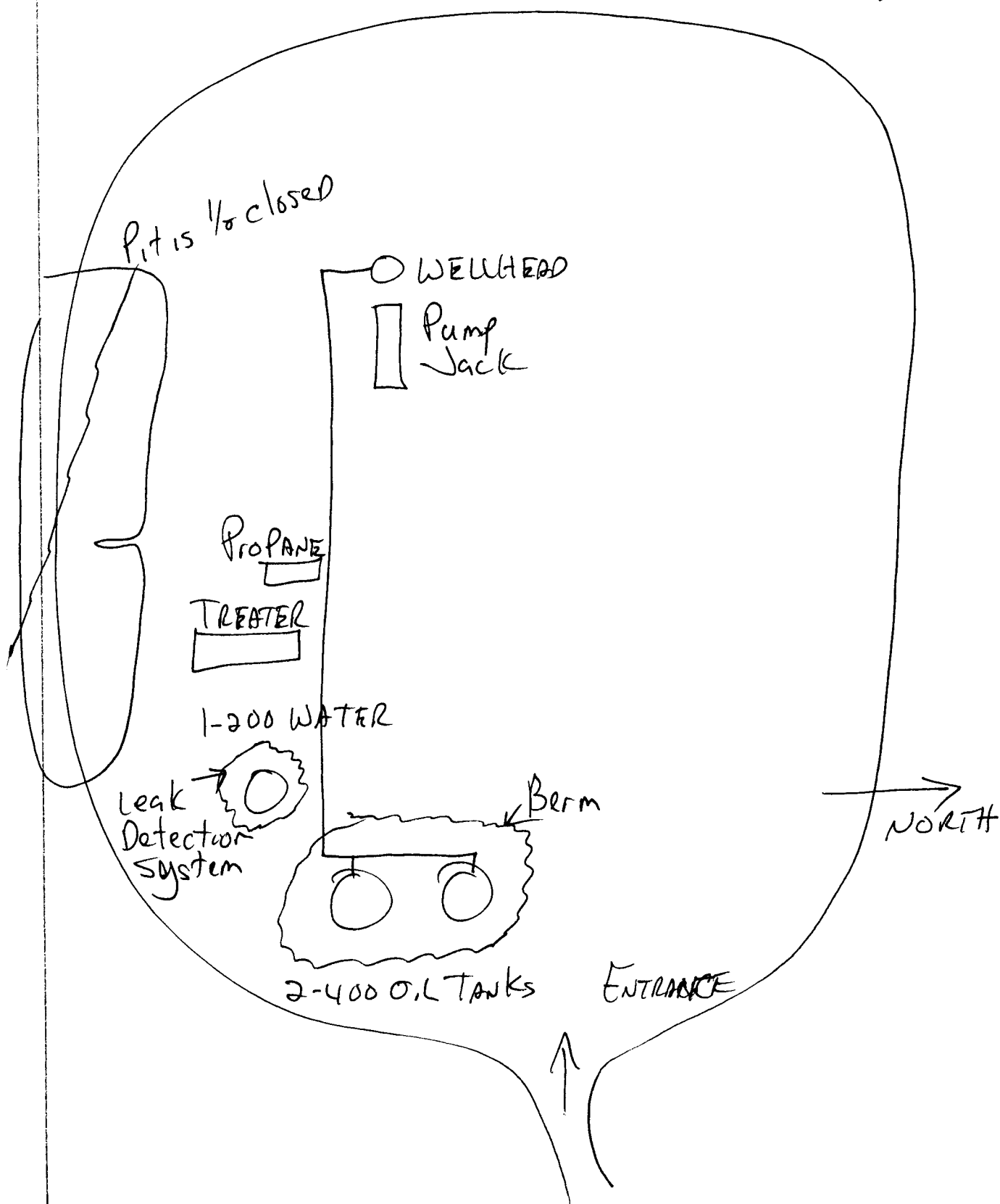
REMARKS: CENTRIFUGAL PUMP IS BELT DRIVEN HEAT TRACE PUMP; GLYCOL IS
HEATED BY TREATER. NO SALES LINE YET; NO RESIDUE LINE YET EITHER. VENTED

Inspector: DENNIS L. INGRAM Date: 2/27/96

Inland Production Co
S. P. U. F. #1-21
Sec 21; T9S; R17E

U-13905
43-013-31563
(POW) 2/27/96
D. L. Hagan

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Inland Production Company						5. LEASE DESIGNATION AND SERIAL NO. U-13905	
3. ADDRESS OF OPERATOR P.O. Box 1446 Roosevelt, UT 84066						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NE/NE 820' FNL & 699' FEMAR 2-5-1996						7. UNIT AGREEMENT NAME	
At top prod. interval reported below						8. FARM OR LEASE NAME S. Pleasant Valley Federal	
At total depth						9. WELL NO. #1-21	
14. PERMIT NO. 43-013-31563						10. FIELD AND POOL, OR WILDCAT	
DATE ISSUED 12/6/95						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21, T9S, R17E	
15. DATE SPUDDED 12/20/95		16. DATE T.D. REACHED 1/8/96		17. DATE COMPL. (Ready to prod.) 2/23/96		12. COUNTY OR PARISH Duchesne	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5273' GR		19. ELEV. CASINGHEAD		13. STATE UT			
20. TOTAL DEPTH, MD & TVD 5618'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5132'-5145'; 4880'-88', 4693'--4707', 4714'-4725' Green River						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL, CBL 3-25-96						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8		24#		301'		12 1/4	
5 1/2		15.5#		5618'		7 7/8	
						CEMENTING RECORD	
						120 sx Prem V+2% Gel+2% CaClw/ 1/2#/ sk flocele	
						235 sx Hifill followed by 215 sx Thixo w/ 10% CalSeal	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)							
CP sd @ 5132'-5145' 4 JSPF							
A sd @ 4880'-88', 4693'-4707', 4714'-4725'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5132'-5145'				55,840# 20/40 sd w/ 18,580 galge			
4880'-88'				78,500# 20/40 sd w/ 23,100 gal g			
4693'-4707'							
4714'-4725'							
33. PRODUCTION							
DATE FIRST PRODUCTION 2 2/396		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1 1/2" THD Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 21 day average		HOURS TESTED		CHOKE SIZE N/A		PROD'N. FOR TEST PERIOD	
						OIL—BBL. 48	
						GAS—MCF. 50	
						WATER—BBL. 3	
						GAS-OIL RATIO 1.04	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Items listed in # 26							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Brad Mecham				TITLE Operations Manager		DATE 3/21/96	

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Productions Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NE/NE 820' FNL & 699' FEL
Sec. 21, T9S, R17E**

5. Lease Designation and Serial No.

U-13905

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

S.P.V. Federal 1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

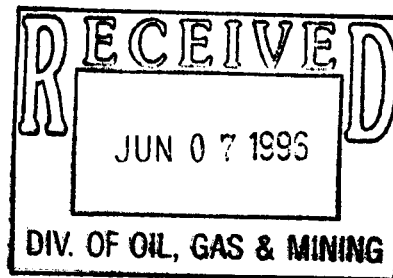
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **EXTENSION**

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company is requesting an extension to vent the gas for the South Pleasant Valley Federal #1-21 until 6/30/96. Inland is currently installing the sales gas line to tie into Balcron's line, this should be completed by 7/1/96, now that the plover surveys are completed.



14. I hereby certify that the foregoing is true and correct

Signed **Cheryl Cameron**

Title **Regulatory Compliance Specialist** Date **6/4/96**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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*See instruction on Reverse Side

LONE TREE UNIT WELL LISTING

AS OF 7/13/98

T. 9S, R. 17E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
22	LONE TREE UNIT	SOUTH PLEASANT VALLEY #4-22	PROD	4301331522	11813
* 21	LONE TREE UNIT	SOUTH PLEASANT VALLEY #1-21	PROD	4301331563	11870
22	LONE TREE UNIT	S. PLEASANT VALLEY FED 3-22-9-17	PROD	4301332024	12332
20	LONE TREE UNIT	SOUTH PLEASANT VALLEY #2-20	PROD	4301331737	12047
15	LONE TREE UNIT	PLSNT VLY #21-15H	PROD	4301332064	6145
15	LONE TREE UNIT	PLSNT VLY FED #14-15H	PROD	4301331695	12101
15	LONE TREE UNIT	PLSNT VLY FED #13-15H	PROD	4301331698	12100
15	LONE TREE UNIT	S. PLEASANT VALLEY FED 4-15-9-17	PROD	4301332018	12317
15	LONE TREE UNIT	S. PLEASANT VALLEY 5-15	PROD	4301331880	12311
15	LONE TREE UNIT	S. PLEASANT VALLEY 6-15-9-17	PROD	4301332019	12319
15	LONE TREE UNIT	S. PLEASANT VALLEY 11-15	PROD	4301331991	12301
15	LONE TREE UNIT	S. PLEASANT VALLEY 15-15	PROD	4301331492	12303
15	LONE TREE UNIT	PLSNT VLY #24-15H	PROD	4301332081	6150
15	LONE TREE UNIT	S. PLEASANT VALLEY 7-15-9-17	PROD	4301332020	12356
15	LONE TREE UNIT	S. PLEASANT VALLEY 10-15	PROD	4301332022	12315
22	LONE TREE UNIT	S. PLEASANT VALLEY 2-22-9-17	PROD	4301332023	12326
16	LONE TREE UNIT	K JORGENSON ST 16-4	SI	4301330572	1452
16	LONE TREE UNIT	STATE #16-2	SI	4301330552	1451

LONE TREE (GR) UNIT ENTITY 12417 EFF 7-1-98.

SECONDARY ALLOCATION	
FEDERAL	91.81%
STATE	9.19%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-13905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

S. PLEASANT VALLEY FEDERAL 1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0820 FNL 0699 FEL NE/NE Section 21, T09S R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

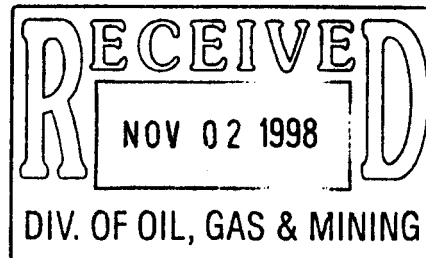
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Site Security**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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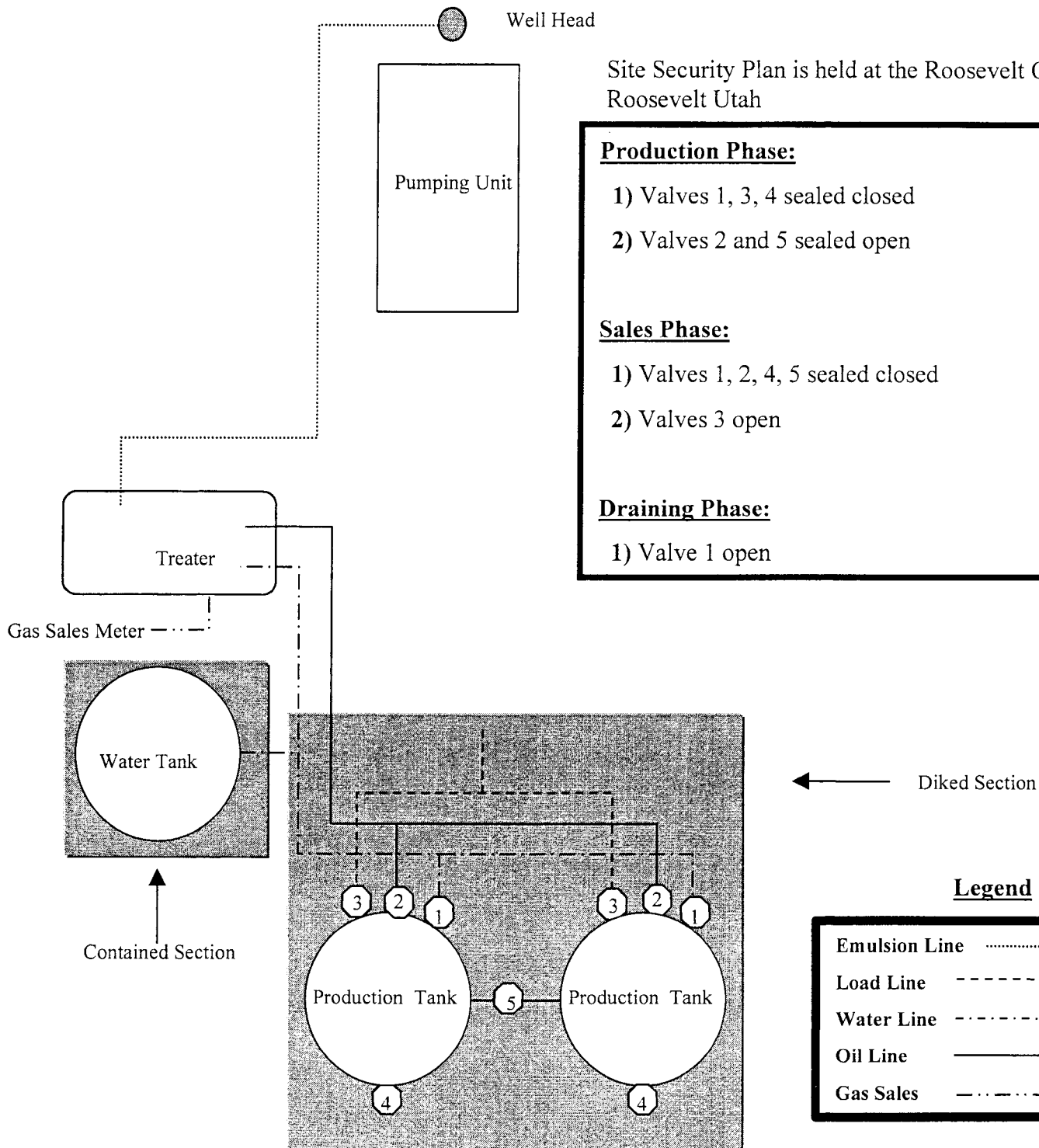
Inland Production Company Site Facility Diagram

S Pleasant Valley 1-21

NE/NE Sec. 21, T9S, 17E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office,
Roosevelt Utah

Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open

Legend

Emulsion Line
Load Line	-----
Water Line	- . - . - .
Oil Line	—————
Gas Sales	- - - - -



July 26, 1999

UIC-240

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

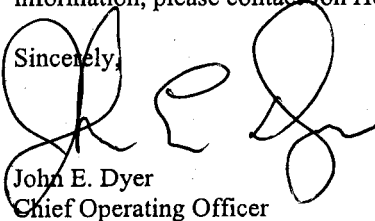
RE: Permit Application for Water Injection Well
South Pleasant Valley #1-21-9-17
Monument Butte Field, Lone Tree Unit, Lease #U-13905
Section 21-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

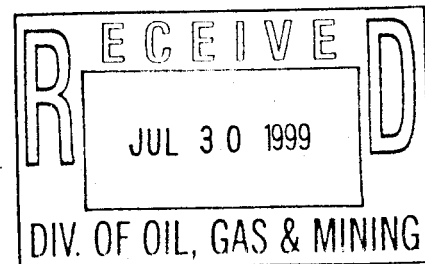
Inland Production Company herein requests approval to convert the South Pleasant Valley #1-21-9-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Jon Holst at (303) 893-0102.

Sincerely,



John E. Dyer
Chief Operating Officer



INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
SOUTH PLEASANT VALLEY #1-21-9-17
LONE TREE UNIT
MONUMENT BUTTE (GREEN RIVER) FIELD
LEASE #U-13905
JULY 26, 1999

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ATTACHMENT E	WELLBORE DIAGRAM – SOUTH PLEASANT VALLEY #1-21-9-17
ATTACHMENT E-1	WELLBORE DIAGRAM – SOUTH PLEASANT VALLEY #4-22-9-17
ATTACHMENT E-2	WELLBORE DIAGRAM – PLEASANT VALLEY #14-15H-9-17
ATTACHMENT F	WATER ANALYSIS OF THE FLUID TO BE INJECTED
ATTACHMENT F-1	WATER ANALYSIS OF THE FLUID IN THE FORMATION
ATTACHMENT F-2	WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	COMPLETION REPORT DATED 2/15/96
ATTACHMENT G-2	COMPLETION REPORT DATED 2/17/96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Comments:

WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

South Pleasant Valley #1-21

Spud Date: 1/4/96
Put on Production: 2/23/96
GL: 5272' KB: 5285'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.39')
DEPTH LANDED: 300.24'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5651')
DEPTH LANDED: 5618'
HOLE SIZE: 7-7/8"
CEMENT DATA: 235 sk Hyfill mixed & 215 sxs thixotropic
CEMENT TOP AT: Surface per CBL

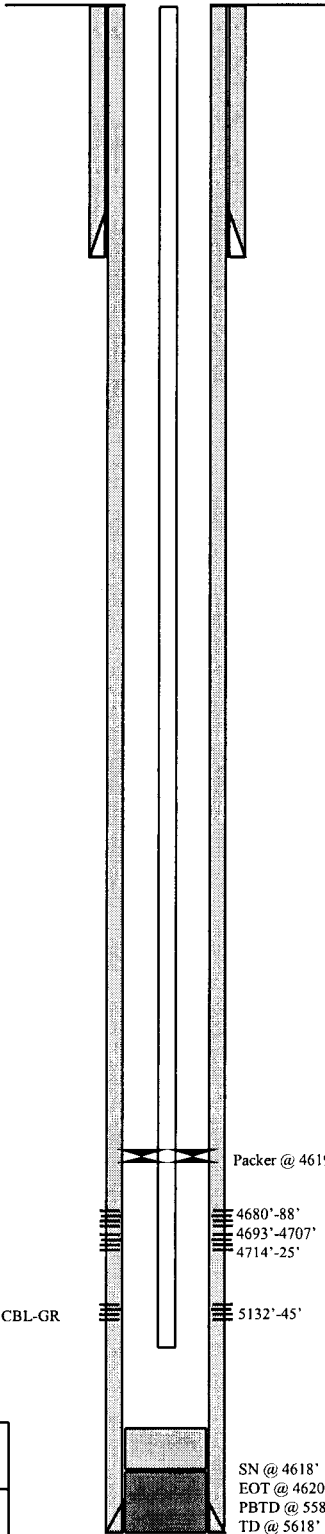
TUBING

SIZE/GRADE/WT.: 2-7/8" / WC-50 / 6.5#
NO. OF JOINTS: 154 jts (?)
PACKER: 4619'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: ? (EOT @ 4620')
SN LANDED AT: 4618'

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Proposed Injection Wellbore Diagram



FRAC JOB

2/14/96 5132'-5145' Frac CP sand as follows:
55,840# 20/40 sd in 18,580 gals Boragel.
Frmtn broke @ 4093 psi, Pmpd @ avg
rate 20 bpm @ 1950 psi. ISIP 2043, 5-
min 1913, 10-min 1864. Flowback on
12/64 ck @ 1 bpm 3.5 hrs until dead.

2/16/96 4680'-4725' Frac A sand as follows:
78,500# sd in 550 bbls Boragel. Avg rate
28.6 bpm, avg press 1750 psi. ISIP 2349
psi, 5-min 2322, 10-min 2316. Flowback
@ 1 bpm on 12/64" ck.

PERFORATION RECORD

2/13/96	5132'-5145'	4 JSPF	48 holes
2/15/96	4680'-4688'	4 JSPF	32 holes
2/15/96	4693'-4707'	4 JSPF	52 holes
2/15/96	4714'-4725'	4 JSPF	44 holes



Inland Resources Inc.

South Pleasant Valley #1-21

820 FNL 699 FEL

NENE Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-31563; Lease #U-13905

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the South Pleasant Valley #1-21-9-17 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Boundary Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the South Pleasant Valley #1-21-9-17 well, the proposed injection zone is from 4680' - 5145'. The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the South Pleasant Valley #1-21-9-17 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a federal lease (Lease #U-13905) in the Monument Butte (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 300' GL, and 5-1/2", 15.5#, J-55 casing run from surface to 5618' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1500 psig and the maximum injection pressure will not exceed 2029 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the South Pleasant Valley #1-21-9-17, for proposed zones (4680' - 5145') calculates at .831 psig/ft. The maximum injection pressures will be limited so as not to exceed the gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2029 psig. See Attachment G through G-2.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the South Pleasant Valley #1-21-9-17, the injection zone (4680' - 5145') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' within the Monument Butte area. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-2.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

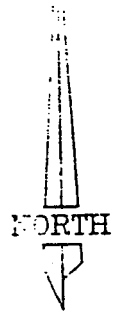
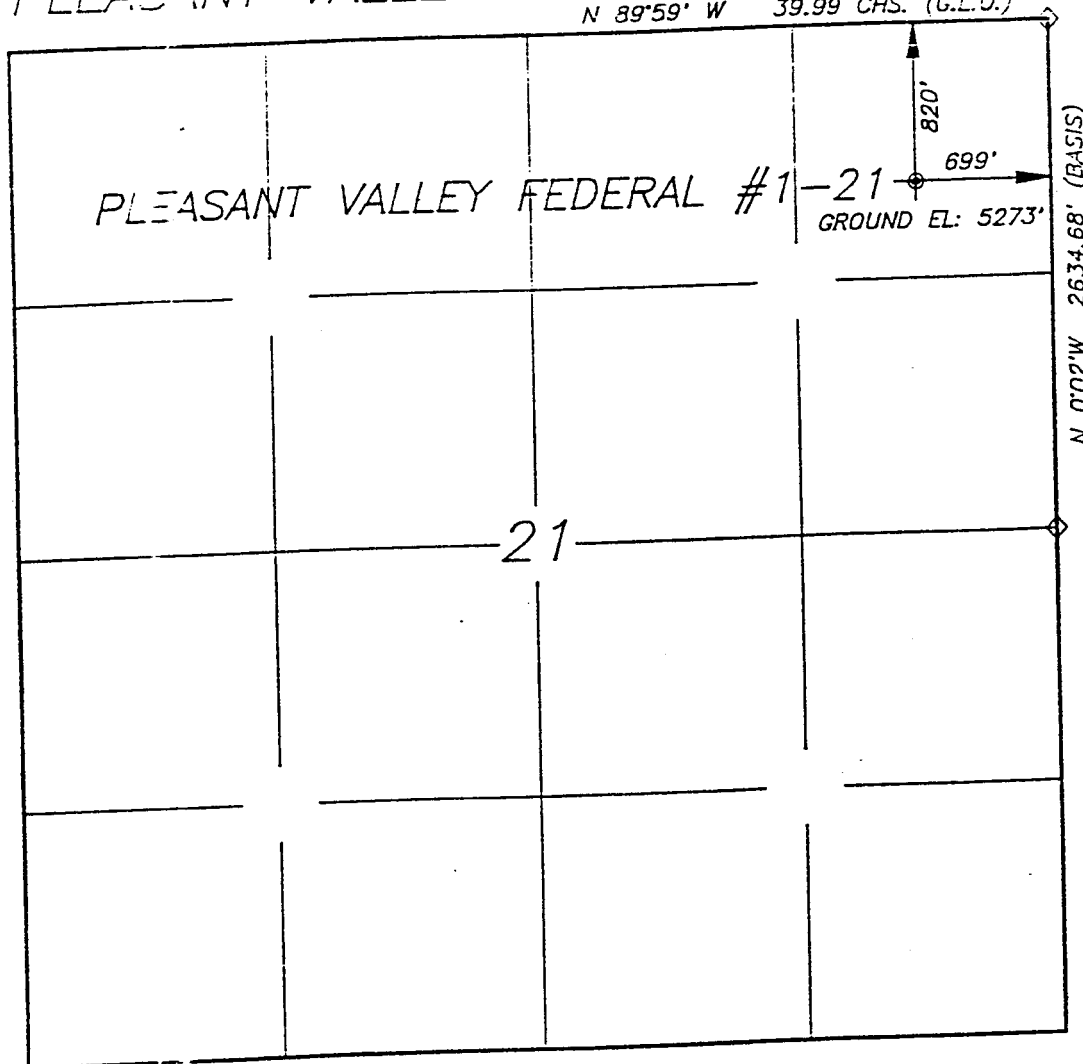
Inland Production Company will supply any requested information to the Board or Division.

INLAND PRODUCTION CO.
WELL LOCATION PLAT
PLEASANT VALLEY FEDERAL #1-21

LOCATED IN THE NE 1/4 - SECTION 21, T9S, R17E, S. 12E

N 89°59' W

39.99 CHS. (G.L.O.)

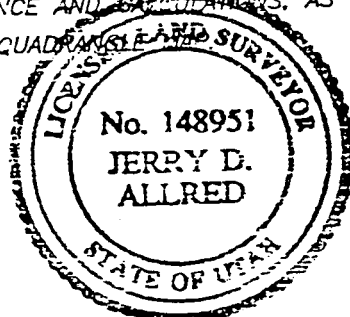


SCALE: 1" = 1000'

LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

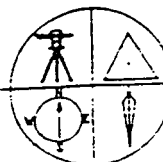
THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS. AS WAS THE U.S.G.S. QUADRANGLE.



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

Jerry D. Allred
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
121 NORTH CENTRE STREET
P.O. BOX 577
DUCHESNE, UTAH 84001
(801)-736-5000

13 OCT 1995

84-121-031

EXHIBIT B

Page 1

#	Land Description	Mineral Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 17 East</u> Section 16: E/2, E/2W/2, SW/4NW/4 NW/4SW/4	ML-3453B HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries Inc.	(Surface Rights) USA
2	<u>Township 9 South, Range 17 East</u> Section 15: S/2, NW/4, SW/4NE/4	UTU-74805 HBP	Inland Production Company	(Surface Rights) USA
3	<u>Township 9 South Range 17 East</u> Section 20: NW/4NE/4 Section 21: NE/4, S/2NW/4, S/2 Section 22: N/2, SW/4, NW/4SE/4, SW/4SE/4	UTU-13905 HBP	Inland Production Company Key Production Company	(Surface Rights) USA

EXHIBIT B

Page 2

#	Land Description	Mineral Ownership & Expires	Minerals Leased By	Surface Rights
4	<u>Township 9 South, Range 17 East</u> Section 20: NE/4NE/4 Section 21: N/2NW/4	UTU-75036 HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries Inc. O. F. Duffield Sue Ann Duffield	(Surface Rights) USA

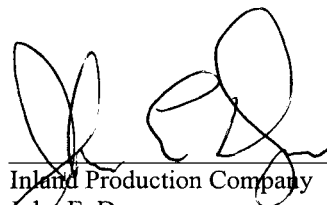
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
South Pleasant Valley #1-21-9-17

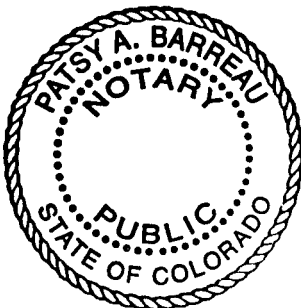
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____


Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 26th day of July, 1999.

Notary Public in and for the State of Colorado: Patry A. Barreau



My Commission Expires 11/14/2000

South Pleasant Valley #1-21

Spud Date: 1/4/96
Put on Production: 2/23/96
GL: 5272' KB: 5285'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (301.39')
DEPTH LANDED: 300.24'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 138 jts. (5651')
DEPTH LANDED: 5618'
HOLE SIZE: 7-7/8"
CEMENT DATA: 235 sk Hyfill mixed & 215 sxs thixotropic
CEMENT TOP AT: Surface per CBL

MOST 780' to 2720

TUBING

SIZE/GRADE/WT.: 2-7/8" / WC-50 / 6.5#
NO. OF JOINTS: 185 jts (?)
TUBING ANCHOR: 5104'
SEATING NIPPLE: 2-7/8" (1.10')
MUD ANCHOR: 1 jt w/ NC (28.10')
TOTAL STRING LENGTH: ? (EOT @ 5229')
SN LANDED AT: 5138'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 4-3/4" scraped, 100-3/4" slick rods, 96-3/4" scraped
TOTAL ROD STRING LENGTH: ?
PUMP NUMBER: ?
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 15'
STROKE LENGTH: 74"
PUMP SPEED, SPM: 6 SPM
PUMPING UNIT SIZE: ?
PRIME MOVER: ?
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

2/14/96 5132'-5145' Frac CP sand as follows:
55,840# 20/40 sd in 18,580 gals Boragel.
Frmtn broke @ 4093 psi, Pmpd @ avg
rate 20 bpm @ 1950 psi. ISIP 2043, 5-
min 1913, 10-min 1864. Flowback on
12/64 ck @ 1 bpm 3.5 hrs until dead.

2/16/96 4680'-4725' Frac A sand as follows:
78,500# sd in 550 bbls Boragel. Avg rate
28.6 bpm, avg press 1750 psi. ISIP 2349
psi, 5-min 2322, 10-min 2316. Flowback
@ 1 bpm on 12/64" ck.

PERFORATION RECORD

2/13/96	5132'-5145'	4 JSPF	48 holes
2/15/96	4680'-4688'	4 JSPF	32 holes
2/15/96	4693'-4707'	4 JSPF	52 holes
2/15/96	4714'-4725'	4 JSPF	44 holes



SN @ 5138'
EOT @ 5229'
PBD @ 5585'
TD @ 5618'



Inland Resources Inc.

South Pleasant Valley #1-21

820 FNL 699 FEL

NENE Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-31563; Lease #U-13905

South Pleasant Valley #4-22

Spud Date: 9/11/95
Put on Production: 1/7/96
GL: 5253' KB: 5266'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (305')
DEPTH LANDED: 304'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt + 1/4#/sk flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: ? jts. (5655')
DEPTH LANDED: 5626'
HOLE SIZE: 7-7/8"
CEMENT DATA: 265 sk Hyfill mixed & 250 sxs thixotropic

Most > 80% to 1400'

TUBING

SIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#
NO. OF JOINTS: ? jts (?)
TUBING ANCHOR: ?'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 4931'
SN LANDED AT: '

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-3/4" guided, 82-3/4" slick rods, 95-3/4" guided, 8', 6', 6' & 2' ponys
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: "
PUMP SPEED, SPM: SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

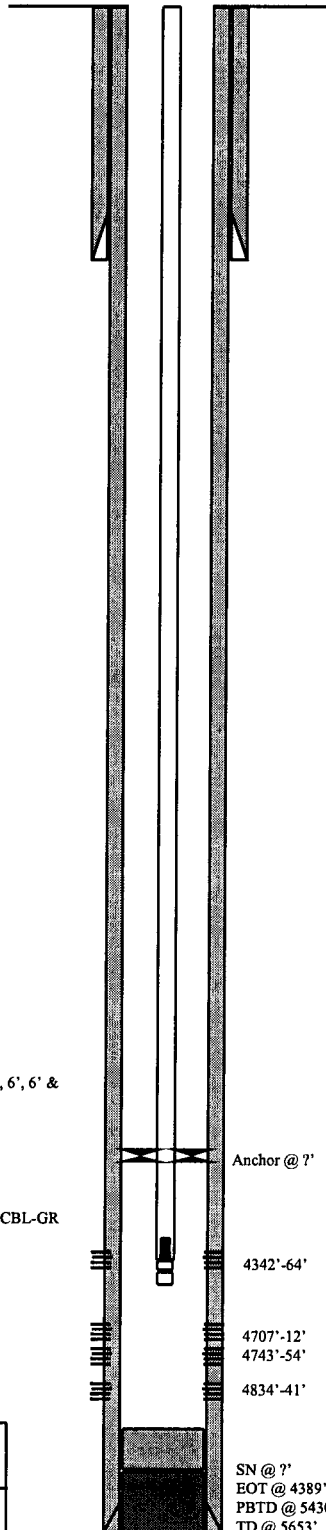
12/21/96 4834'-4841' Frac LDC sand as follows:
21,300# 20/40 sd in 274 bbls Boragel @
avg 17 BPM rate @ 2230 psi. ISIP: 2103
psi, 5-min 1190 psi, 10-min 1203 psi.
Flowback @ 1 bpm on 12/64" ck for 2-
1/2 hours.

12/23/96 4707'-4754' Frac A sand as follows:
48,500# 20/40 sd in 386 bbls of Boragel
@ avg rate 22 bpm @ 1800 psi. ISIP-
1841 psi, 5-min 1784 psi, 10-min 1733
psi. Flowback @ 1 bpm on 12/64" ck.

12/27/96 4342'-4364' Frac D-2 sand as follows:
Pump 3400 gall pad then csg pressured
up to 4000 psi w/ no leakoff. Press up to
4500 psi, no break. Bleed csg off.

PERFORATION RECORD

12/20/96	4834'-4841'	4 JSPF	28 holes
12/22/96	4707'-4712'	4 JSPF	20 holes
12/22/96	4743'-4754'	4 JSPF	40 holes
12/24/96	4342'-4364'	4 JSPF	88 holes



Inland Resources Inc.

South Pleasant Valley #4-22

534 FNL 715 FWL

NWNW Section 22-T9S-R17E

Duchesne Co, Utah

API #43-013-31522; Lease #U-13905

Federal #14-15H

Spud Date: 1/08/97

Put on Production: 3/06/97

GL: 5282' KB: 5295'

Initial Production: 132 BOPD,
100 MCFPD, 35 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55 ST&C

WEIGHT: 24#

LENGTH: 10 jts. (400')

DEPTH LANDED: 400'

HOLE SIZE: 12-1/4"

CEMENT DATA: 290 sxs Premium w/2% CaCl₂PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55 LT&C

WEIGHT: 15.5#

LENGTH: 136 jts. (5700')

DEPTH LANDED: 5700'

HOLE SIZE: 7-7/8"

CEMENT DATA: 260 sxs Mod Hi-fill. Tail w/170 sxs Prem neat

CEMENT TOP AT: 750' est

*most > 80% to 865*TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 169 jts

TUBING ANCHOR: 3896'

TOTAL STRING LENGTH: 5335'

SN LANDED AT: 5302'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 92 - 7/8" rods (scraper), 110 - 3/4" rods, 9 - sinker bars

PUMP SIZE: 2-1/2" x 1-3/4" x 15' RHAC

STROKE LENGTH:

PUMP SPEED, SPM: SPM

LOGS: DLL/GR/SP, SDLTL, DSN, CBL/GR/CCL

FRAC JOB

02/23/97	3915'-3928'	529 bbls fluid and 99,200# 20/40 ss w/3 radioactive tracers @ 20 BPM (1750 psi). ISIP-1943 psi. Flowed back 77 bbls fluid in 2-1/2 hrs.
02/20/97	4413'-4428'	529 bbls fluid and 99,200# 20/40 ss @ 20 BPM (1750 psi). ISIP-2009. Immed flow back of 82 bbls fluid.
02/18/97	4523'-4570'	455 bbls fluid and 85,400# 20/40 ss @ 24.5 BPM (1960 psi). ISIP-1822 psi. Flowed back 121 bbls fluid in 4 hrs.
2/15/97	4784'-4835'	817 bbls fluid and 156,000# 20/40 ss @ 35.8 BPM (1950 psi). ISIP 2150. Flowed back 175 bbls fluid in 4 hrs.
2/13/97	5225'-5235'	524 bbls fluid and 94,300# 20/40 ss @ 32.5 BPM (2419 psi). ISIP 1750. Immed flowed back 400 bbls fluid in 3-1/2 hrs.

Anchor @ 3896'

3915'-3928'

4413'-4428'

4523'-4570'

4784'-4835'

5225'-5280'

PERFORATION RECORD

"A" Sand	3915'-3928'	52 Holes
"DC4"	4413'-4428'	60 Holes
"DC5 & D"	4523'-4570'	48 Holes
"Ee"	4784'-4835'	132 Holes
"F2"	5225'-5280'	64 Holes

SN @ 5302'
EOT @ 5335'
PBD @ 5629'
TD @ 5700'

Inland Resources Inc.

Federal #14-15H

660' FSL & 660' FWL

SWSW Section 15-T9S-R17E

Duchesne Co, Utah

API #43-013-31695; Lease #U-74805

cee

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066Office (801) 722-5068
Fax (801) 722-5727

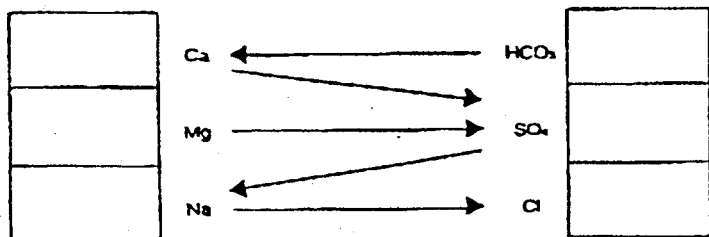
Attachment F

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water Date Sampled _____ Analysis No. _____
FRESH WATER

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	÷ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	÷ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	÷ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)		MG <u>22</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION**Saturation Values**CaCO₃CaSO₄ · 2H₂OMgCO₃**Distilled Water 20°C**

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equlv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.45	<u>1</u>			<u>59</u>

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5068
Fax (435) 722-5727

Attachment F-1

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 7-27-99
Source TS 7-28 Date Sampled 7-26-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.3</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.012</u>		
4. Dissolved Solids		<u>17,765</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>1,050</u>	÷ 61 <u>17</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>9,900</u>	÷ 35.5 <u>279</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)		Ca <u>6</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)		Mg <u>1</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>20</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	65.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46				
			<u>17</u>		<u>1,428</u>
			<u>279</u>		<u>16,310</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,000 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Received Time-Jul. 27.- 3:31PM

435 722 5727

Attachment F-2

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM: JOHNSON WATER

7-27-99

WATER DESCRIPTION:	JOHNSON WATER	TS 7-28
P-ALK AS PPM CaCO ₃	0	0
M-ALK AS PPM CaCO ₃	590	1722
SULFATE AS PPM SO ₄	75	0
CHLORIDE AS PPM Cl	142	9900
HARDNESS AS PPM CaCO ₃	0	0
CALCIUM AS PPM CaCO ₃	80	15
MAGNESIUM AS PPM CaCO ₃	8	4
SODIUM AS PPM Na	230	6808
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	17765
TOTAL DISSOLVED SOLIDS	874	100
TEMP (DEG-F)	100	9.3
SYSTEM pH	8.3	

WATER COMPATIBILITY CALCULATIONS

JOHNSON WATER AND TS 7-28

CONDITIONS: pH=8.8. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

DEG-F	STIFF DAVIS CaCO ₃ INDEX	lbs/1000 BBL EXCESS CaCO ₃	mg/l BaSO ₄ IN EXCESS OF SATURATION	mg/l SrO ₄ IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.54	27	0	0	0
90	1.49	24	0	0	0
80	1.43	22	0	0	0
70	1.35	20	0	0	0
60	1.26	17	0	0	0
50	1.16	15	0	0	0
40	1.05	13	0	0	0
30	.94	10	0	0	0
20	.84	8	0	0	0
10	.72	6	0	0	0
0	.55	3	0	0	0

Attachment "G"

SOUTH PLEASANT VALLEY #1-21-9-17
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5132	5145	5139	2043	0.831	2029 ←
4680	4725	4703	2143	0.889	2123
Minimum					<u><u>2029</u></u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$

Attachment G-1

Work String: **Size** 2-7/8 **Wt** 6.5 **Grd** WC-50 **Pkr/EOT @** _____ **PBD** _____
Present Operation ND tree saver. **Work Fluid** _____

STIMULATION: Before job: SITP _____ SICP _____ Back Press _____
 Fluid used: _____ Company _____

FLUID RECOVERY (Bbls):				FLOWING:				
	During last _____ hrs	Total Recovered	Left to Recover	CHK	HRS	TP	RECOVERY	DAILY RATE
BLW	442	195	247	_____	_____	_____	_____	_____
BLO	_____	_____	_____	_____	_____	_____	_____	_____
BNW	_____	_____	_____					
BNO	_____	_____	_____	SWABBING: #RUNS _____ Total Recovered _____ FL Maint. _____ Swab Rate (B/H) _____ WC _____				

REMARKS:

SIP: 0 psi. Make 1 swb run. Fluid @ 5200'. TOH w/tbg. RU Halliburton & frac CP zone @ 5132-45' w/55,840# 20/40 sd in 18,580 gals Boragel. Frmntn broke @ 4093 psi. Pmpd @ avg rate 20 BPM @ 1950 psi. ISIP-2043, 5 min 1913, 10 min-1864. Flowback on 12/64 ck @ 1 BPM 3-1/2 hrs until dead. Rec 195 bbls frac fluid w/light amounts of sd @ times. SDFN. Est 247 BLWTBR.

	DAILY COST:	\$17,955
Completion Supervisor	CUM COST:	\$24,705

● Attachment G-2

Completion Days **5**

Basin #6

Completion Days **5**

PBD 5585'

Work Fluid

SPF/#SHOTS

SPF/#SHOTS

SPF/#SHOTS

<u>5132'</u>	to	<u>5145'</u>	<u>4/48</u>	<u>4714'</u>	to	<u>4725'</u>	<u>4/44</u>	_____	to	_____	_____
<u>4680'</u>	to	<u>4688'</u>	<u>4/32</u>	_____	to	_____	_____	_____	to	_____	_____
<u>4693'</u>	to	<u>4707'</u>	<u>4/52</u>	_____	to	_____	_____	_____	to	_____	_____

Fluid used: Boragel **Company** Halliburton

Procedure:	1)	4000 gal pad
	2)	2000 gal 1-4 PPG 20/40 sd
	3)	8000 gal 4-8 PPP 20/40 sd
	4)	6509 gal pump 8 PPG 20/40 sd
	5)	Flush w/4599 gal 10# linear gel
	6)	Total fluid 23,103 gal
	7)	Total sd 78,500# 20/40 sd
	8)	
	9)	
	10)	

Avg TP 1750 @ 28.6 **BPM**

ISIP 2349

2322 after 5 min

2316 after 10 min

_____ after _____ min

Displacement fluid used:

FLOWING:

	During last _____ hrs	Total Recovered	Left to Recover
BLW	550 _____	225 _____	225 _____
BLO	_____	_____	_____
BNW	_____	_____	_____
BNO	_____	_____	_____

CHK	HRS	TP	RECOVERY	DAILY RATE
-----	-----	----	----------	------------

SWABBING: #RUNS _____ **Total Recovered** _____
FL Maint. _____ **Swab Rate (B/H)** _____ **WC** _____

SITP 0 psi, SICP 50 psi. RU swb, IFL @ SN @ 4826'. Made 1 run (dry). TOH w/tbg. NU tree saver. RU Halliburton frac "A" sd w/78,500# sd in 550 bbls Boragel. Avg rate 28.6 BPM, avg press 1750 psi. ISIP 2349 psi, 5 min 2322 psi, 10 min 2316 psi. Flowback @ 1 BPM on 12/64" ck. Flowed for 4 hrs, rec 225 bbls frac fluid. Flowed back heavy sd, no oil. SDFN. Est 361 BLWTBR.

Completion Supervisor _____

DAILY COST: \$20,835

CUM COST: \$153,130

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 156' plug from 5039'-5195' with 28 sxs Class "G" cement.
2. **Plug #2** Set 195' plug from 4580'-4775' with 33 sxs Class "G" cement.
3. **Plug #3** Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
4. **Plug #4** Set 100' plug from 250'-350' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
5. **Plug #5** Set 50' plug from surface with 10 sxs Class "G" cement.
6. Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement to surface.

The approximate cost to plug and abandon this well is \$18,00

South Pleasant Valley #1-21

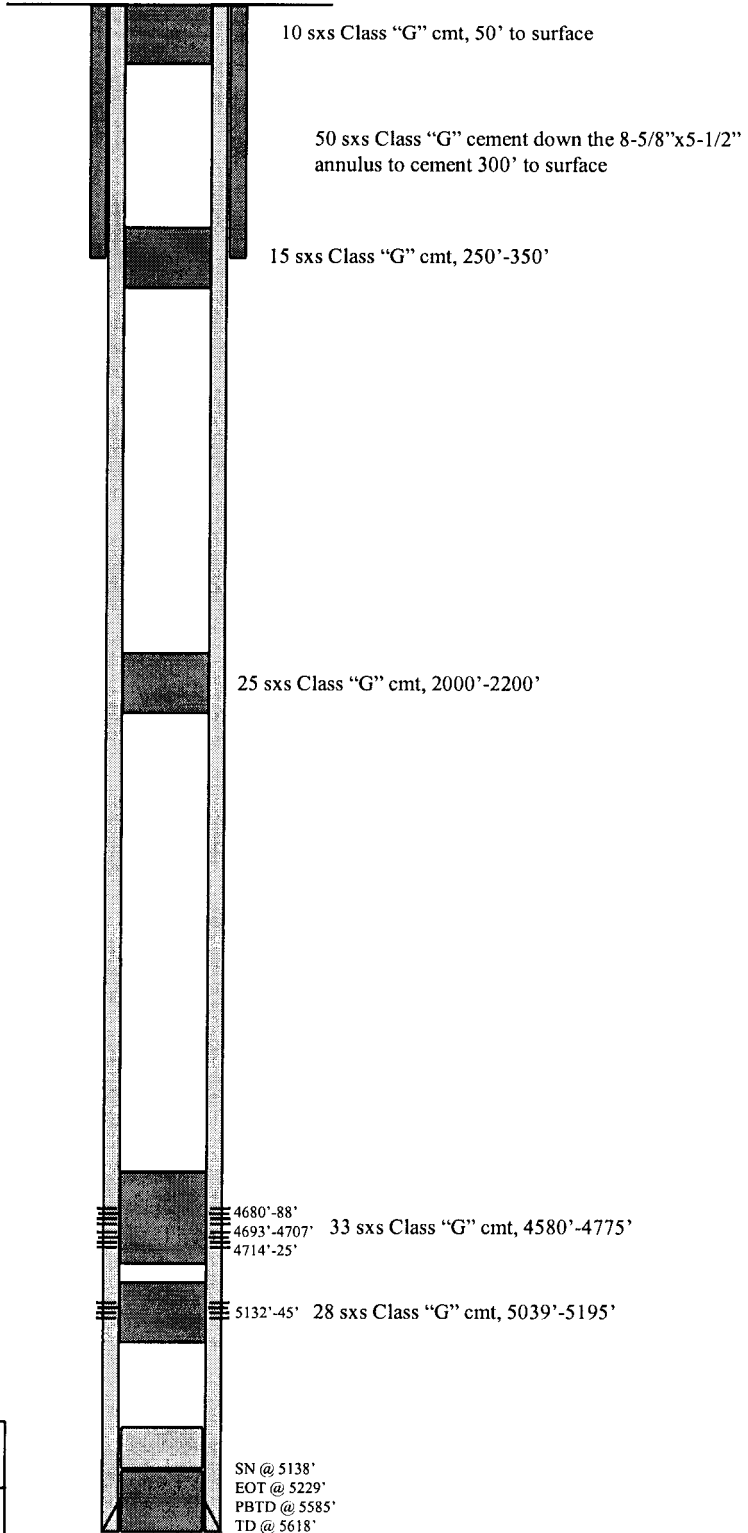
Spud Date: 1/4/96
 Put on Production: 2/23/96
 GL: 5272' KB: 5285'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.39')
 DEPTH LANDED: 300.24'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5651')
 DEPTH LANDED: 5618'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 235 sk Hyfill mixed & 215 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

Proposed P&A
Wellbore Diagram

Inland Resources Inc.

South Pleasant Valley #1-21

820 FNL 699 FEL

NENE Section 21-T9S-R17E

Duchesne Co, Utah

API #43-013-31563; Lease #U-13905

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-240
THE PLEASANT VALLEY	:	
14-15H-9-17, SOUTH PLEASANT	:	
VALLEY 3-22-9-17, 5-15-9-17, &	:	
1-21-9-17 WELLS LOCATED IN	:	
SECTIONS 15, 21 & 22, TOWNSHIP	:	
9 SOUTH, RANGE 17 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, AS	:	
CLASS II INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Pleasant Valley 14-15H-9-17, South Pleasant Valley 3-22-9-17, 5-15-9-17, & 1-21-9-17 wells, located in Sections 15, 21 & 22, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director

143 SOUTH MAIN ST.
P.O. BOX 145838
SALT LAKE CITY, UTAH 84145
FED. TAX ID # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune (NA) DESERET NEWS
PROOF OF PUBLICATION

CUSTOMER'S
COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL, GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	08/10/99

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8200A0QY1
SCHEDULE	
START 08/10/99 END 08/10/99	
CUST. REF. NO.	
UIC-240	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
78 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	127.92
TOTAL COST	
127.92	

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

NOTICE OF AGENCY ACTION
CASE NO. UIC-240

IN THE MATTER OF THE APPLICATION FOR AN INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE PLEASANT VALLEY 14-15H-9-17, 5-15-9-17, AND 1-21-9-17 WELLS LOCATED IN SECTIONS 15, 21 AND 22, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that the Division of Oil, Gas, and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Pleasant Valley 14-15H-9-17, 5-15-9-17, and 1-21-9-17 wells, located in Sections 15, 21 and 22, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures. (UAC 100-100-100)

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of August, 1999.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ John R. Bazz
Associate Director
8200A0QY1

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA
DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 08/10/99 END 08/10/99

SIGNATURE [Signature]

DATE 08/10/99



NOTARY PUBLIC
JOANNE MOONEY
2626 Hartford St.
Salt Lake City, UT 84106
My Commission Expires
March 31, 2000
STATE OF UTAH

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2827 REC, 10/31 N/A 10/10/01 (F) 9

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

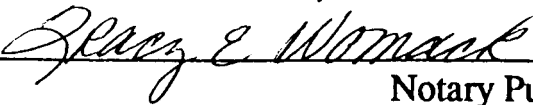
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 10 day of August, 19 99, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of August, 19 99.



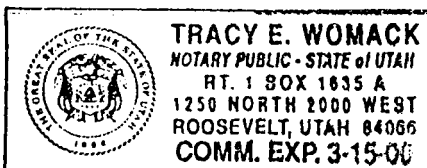
Publisher

Subscribed and sworn to before me this

23 day of Aug, 19 99



Notary Public



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-240
IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE
PLEASANT VALLEY 14-
15H-9-17, SOUTH

PLEASANT VALLEY 3-
22-9-17, 5-15-9-17, & 1-
21-9-17 WELLS LO-
CATED IN SECTIONS 15,
21 & 22, TOWNSHIP 9
SOUTH, RANGE 17
EAST, S.L.M.
DUCHESNE COUNTY,
UTAH, AS CLASS II IN-
JECTION WELLS
THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE ENTITLED
MATTER

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Pleasant Valley 14-15H-9-17, South Pleasant Valley 3-22-9-17, 5-15-9-17, & 1-21-9-17 wells, located in Sections 15, 21 & 22, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August 1999 at the
STATE OF UTAH DI-
VISION OF OIL, GAS &
MINING

John R. Baza, Associate
Director

Published in the Uintah
Basin Standard August 10,
1999



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 5, 1999

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-240

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt
Secretary

Enclosure

Inland Production Company
Pleasant Valley 14-15H-9-17, South Pleasant Valley 3-22-9-17, 5-15-9-17, & 1-21-9-17 Wells
Cause No. UIC-240

Publication Notices were sent to the following:

Inland Production Company
Route #3 Box 3630
Myton, Utah 84052

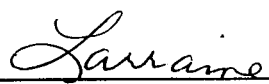
Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Vernal District Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

School & Institutional Trust Lands Administration
Attn: Jim Cooper
675 East 500 South
Salt Lake City, Utah 84102



Larraine Platt
Secretary
August 5, 1999



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 1999

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

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Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: S. Pleasant Valley 1-21-9-17

Location: 21/9S/17E

API: 43-013-31563

Ownership Issues: The proposed well is located on Federal (BLM) land. The well is located in the Lone Tree Unit. Lands in the one-half mile radius of the well are administered by the BLM. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Sand Wash Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 300 feet and is cemented to surface. A 5 ½ inch production casing is set at 5618 feet and has a cement bond better than an 80% bond over most of the cemented interval up to 2720 feet. A 2 7/8 inch tubing with a packer will be set at 4619 feet. A mechanical integrity test will be run on the well prior to injection. There are 2 producing or injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 700 feet. Injection will be limited to the interval between 4680 feet and 5145 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 1-21-9-17 well is .831 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2029 psig. The requested maximum pressure is 2029 psig. The anticipated average injection pressure is 1500 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Lone Tree Unit on August 26, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 12/7/99



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

December 7, 1999

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Lone Tree Unit Well: S. Pleasant Valley 1-21-9-17, Section 21, Township 9 South,
Range 17 East, Duchesne County, Utah

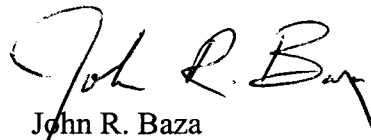
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Gil Hunt at this office.

Sincerely,



John R. Baza
Associate Director, Oil and Gas

lwp

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-13905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

SO PLEASANT VALLEY 1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injector

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0820 FNL 0699 FEL NE/NE Section 21, T09S R17E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a production to an injection well on 11/7/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4623.37'.

RECEIVED

MAY 20 2000

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Martha Hall
Martha Hall

Title

Office Manager

Date

11/8/00

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injection Well

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

RT 3 Box 3630 Myton Ut 84052, (435) 646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0820 FNL 0699 FEL NE/NE Section 21, T09S R17E

5. Lease Designation and Serial No.

UTU-13905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA. Agreement Designation

LONE TREE

8. Well Name and No.

S. PLEASANT VALLEY FEDERAL 1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was converted from a producing to an injection well on 11-9-00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4623'. On 11-7-00 Mr. Al Craver with the EPA and Dennis Engram with the State DOGM were contacted and gave verbal approval to conduct a MIT on the casing - tubing annulus. On 11-9-00 the casing was pressured to 1020 psi with no loss of pressure charted in a 1/2 hour test. No governmental agencies were able to witness the test. The well is shut-in and waiting on permission to inject.

RECEIVED

NOV 13 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

Krishna Russell
Krishna Russell

Title

Production Clerk

Date

11/10/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

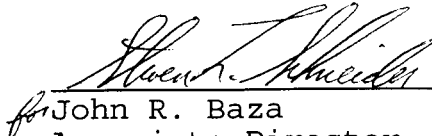
Cause No. UIC-240

Operator: Inland Production Company
Well: South Pleasant Valley 1-21-9-17
Location: Section 21, Township 9 South, Range 17 East
County: Duchesne
API No.: 43-013-31563
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 7, 1999.
2. Maximum Allowable Injection Pressure: 2029 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4680 feet - 5145 feet)

Approved by:


for John R. Baza
Associate Director, Oil And Gas

11-22-00
Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

DEC 5 2000

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George Rooney
Senior Facilities Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

RE: UNDERGROUND INJECTION CONTROL (UIC)
Authority to Commence Injection
EPA Well Permit No. UT2853-04507
EPA Area Permit No. UT2853-00000
South Pleasant Valley No 1-21-9-17
NE NE Section 21 - T9S - R17E
Duchesne County, Utah

Dear Mr. Rooney:

Inland Production Company (Inland) has satisfactorily fulfilled all the Environmental Protection Agency's (EPA) **Prior to Commencing Injection (Additional Wells)** requirements in the above-referenced Lone Tree Final Area Permit. The mechanical integrity test dated November 9, 2000, the Well Rework Record (EPA Form No. 7520-12), and the pore pressure have been reviewed and approved by the EPA. Inland, as of the date of this letter, is authorized to commence injection into the South Pleasant Valley No. 1-21-9-17.

There will be no limitation on the number of barrels of water that will be injected into the Garden Gulch/Douglas Creek Members of the Green River Formation, but in no case shall Inland exceed 1365 psig maximum surface injection pressure. Within the first six (6) months of operation, Inland will conduct a step-rate test (SRT) to establish a fracture gradient from which the EPA will calculate a new maximum surface injection pressure.

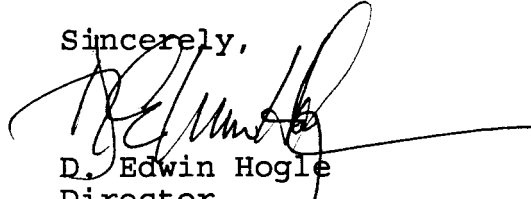
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY



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If you have any questions in regard to the above action, please contact Dan Jackson at (303) 312-6155. Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, citing **MAIL CODE: 8ENF-T** very prominently. However, the results of the SRT will be mailed directly to the **ATTENTION: DIRECTOR-GROUND WATER PROGRAM**, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



D. Edwin Hogle
Director
Ground Water Program

cc: Mr. Nathan Wiser
8ENF-T

Mr. Roland McCook
Chairman
Ute Indian Tribe

Ms. Elaine Willie
Environmental Director
Ute Indian Tribe

Mr. David Allison
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Mr. Gil Hunt
State of Utah Natural Resources
Division of Oil, Gas, and Mining

Mr. Jerry Kenczka
Bureau of Land Management
Vernal District Office

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Injector

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0820 FNL 0699 FEL NE/NE Section 21, T09S R17E

5. Lease Designation and Serial No.

UTU-13905

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

LONE TREE

8. Well Name and No.

SO PLEASANT VALLEY 1-21

9. API Well No.

43-013-31563

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Report of first injection**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced well was put on injection at 12:30 p.m. on 12/8/00.

14. I hereby certify that the foregoing is true and correct

Signed

Martha Hall
Martha Hall

Title

Office Manager

Date

12/8/00

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL ☐ GAS ☐ OTHER ☒ **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
Rt. 3 Box 3630, Myton Utah 84052
435-646-3721

4. LOCATION OF WELL

Footages **0820 FNL 0699 FEL**

QQ, SEC, T, R, M: **NE/NE Section 21, T09S R17E**

5. LEASE DESIGNATION AND SERIAL NO.

UTU-13905

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

LONE TREE

8. WELL NAME and NUMBER

S. PLEASANT VALLEY FEDERA**1-21-9-17**

9. API NUMBER

43-013-31563

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTECOUNTY **DUCHESNE**STATE **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT:

(Submit in Duplicate)

- ☐ ABANDON ☐ NEW CONSTRUCTION
- ☐ REPAIR CASING ☐ PULL OR ALTER CASING
- ☐ CHANGE OF PLANS ☐ RECOMPLETE
- ☐ CONVERT TO INJECTION ☐ REPERFORATE
- ☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
- ☐ MULTIPLE COMPLETION ☐ WATER SHUT OFF
- ☐ OTHER _____

SUBSEQUENT REPORT OF:

(Submit Original Form Only)

- ☐ ABANDON* ☐ NEW CONSTRUCTION
- ☐ REPAIR CASING ☐ PULL OR ALTER CASING
- ☐ CHANGE OF PLANS ☐ RECOMPLETE
- ☐ CONVERT TO INJECTION ☐ REPERFORATE
- ☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
- ☒ OTHER **Step Rate Test**

DATE WORK COMPLETED _____

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

A step rate test was conducted on the subject well on 4/17/01. Results indicate that the formation fracture gradient is .730 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1380 psi.

13. NAME & SIGNATURE: Michael Guinn TITLE District Engineer DATE 5/9/01

(This space for State use only)

4/94

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-14-01
By: [Signature]

05-14-01
CHD

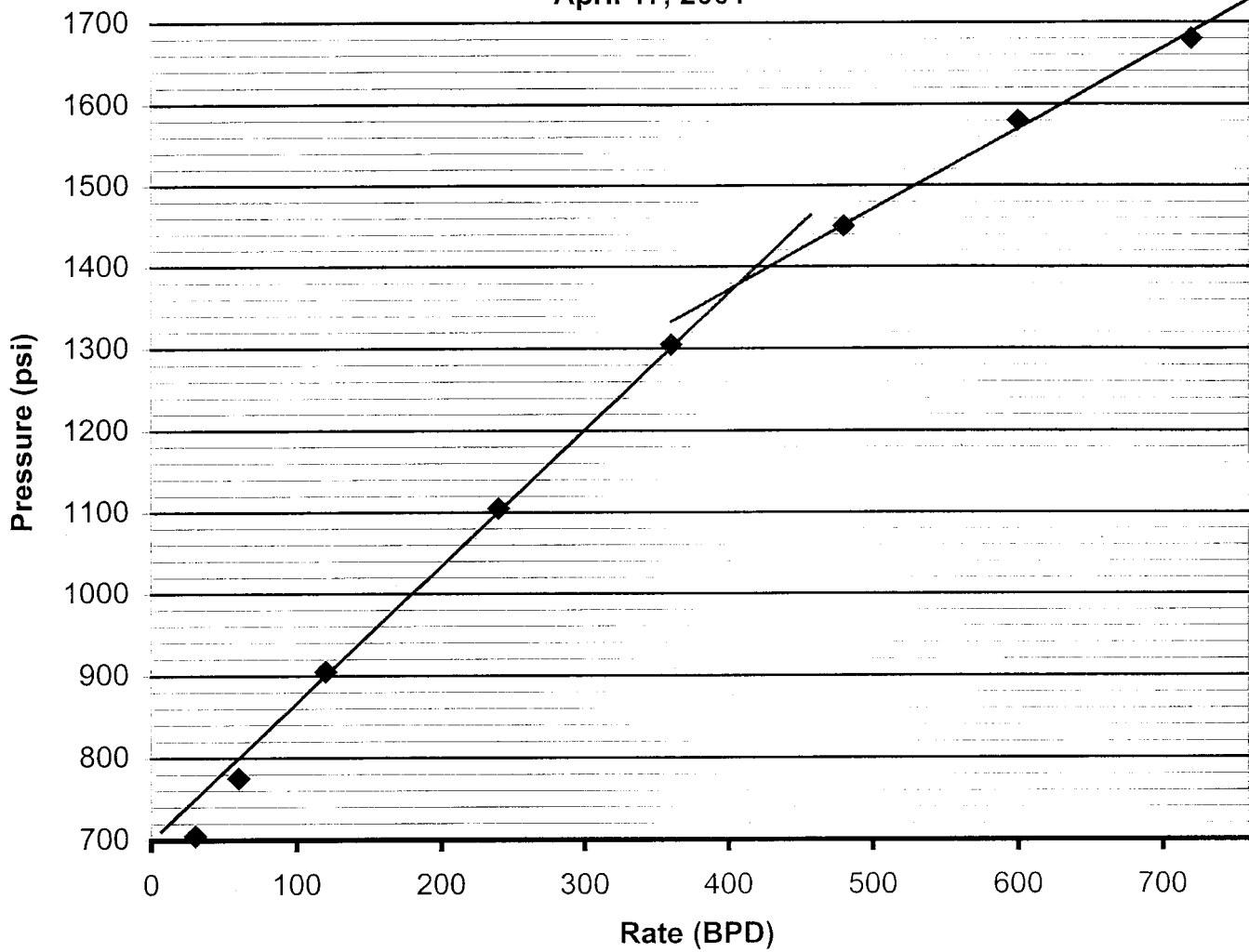
UTAH DIVISION OF OIL, GAS AND MINING

South Pleasant Valley 1-21-9-17

Lone Tree Unit

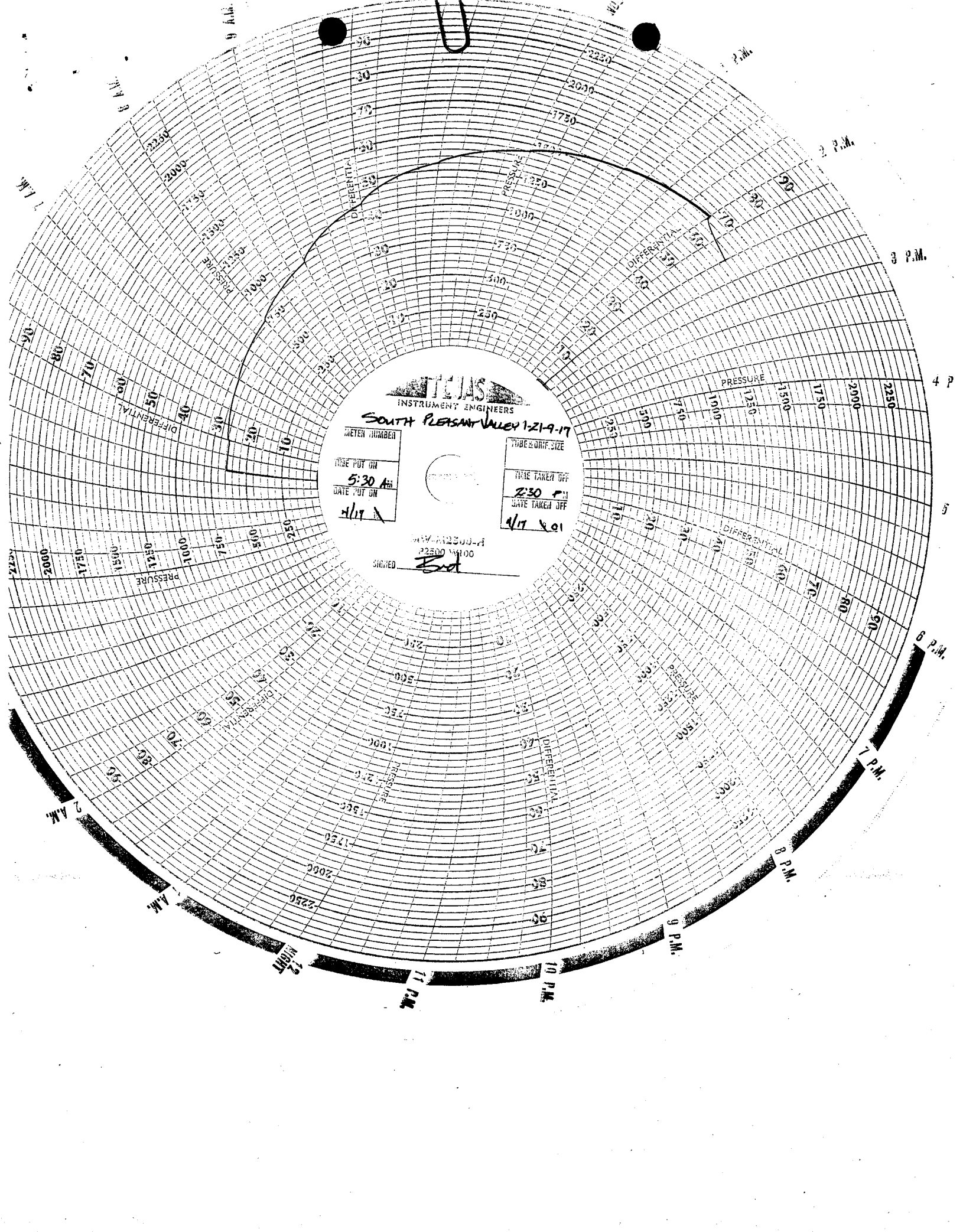
Step Rate Test

April 17, 2001



Start Pressure: 640 psi
Instantaneous Shut In Pressure (ISIP): 1660 psi
Top Perforation: 4680 feet
Fracture pressure (Pfp): 1380 psi
FG: 0.730 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	705
2	60	775
3	120	905
4	240	1105
5	360	1305
6	480	1450
7	600	1580
8	720	1680



TITAS
INSTRUMENT ENGINEERS

SOUTH PLEASANT VALLEY 1-21-9-17

METER NUMBER

TUBE & ORIF. SIZE

TIME PUT ON

TIME TAKEN OFF

5:30 AM

2:30 PM

DATE PUT ON

DATE TAKEN OFF

4/17

4/17

REV. 11-23-00-1

22500 1100

SIGNED

End

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL ☐ GAS ☐
WELL ☐ WELL ☐ OTHER ☒ **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL

Footages **820 FNL 699 FEL**

QQ, SEC. T. R. M. **NE/NE Section 21, T9S R17E**

5. LEASE DESIGNATION AND SERIAL NO.
UTU-13905

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
LONE TREE

8. WELL NAME and NUMBER
S PLEASANT VALLEY FED 1-21

9. API NUMBER
43-013-31563

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

COUNTY **DUCHESNE**
STATE **UTAH**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

NOTICE OF INTENT:
(Submit in Duplicate)

☐ ABANDON ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☐ MULTIPLE COMPLETION ☐ WATER SHUT OFF
☐ OTHER _____

SUBSEQUENT REPORT OF:
(Submit Original Form Only)

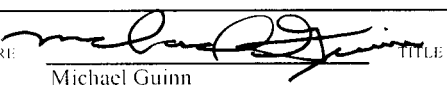
☐ ABANDON* ☐ NEW CONSTRUCTION
☐ REPAIR CASING ☐ PULL OR ALTER CASING
☐ CHANGE OF PLANS ☐ RECOMPLETE
☐ CONVERT TO INJECTION ☐ REPERFORATE
☐ FRACTURE TREAT OR ACIDIZE ☐ VENT OR FLARE
☒ OTHER **Step Rate Test**

DATE WORK COMPLETED _____
Report results of Multiple Completion and Recompletions to different
reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND
LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 10/28/03. Results from the test indicate that the fracture gradient is .792 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1670 psi.

13. NAME & SIGNATURE  TITLE Vice President of Operations

DATE 11/3/2003

(This space for State use only)

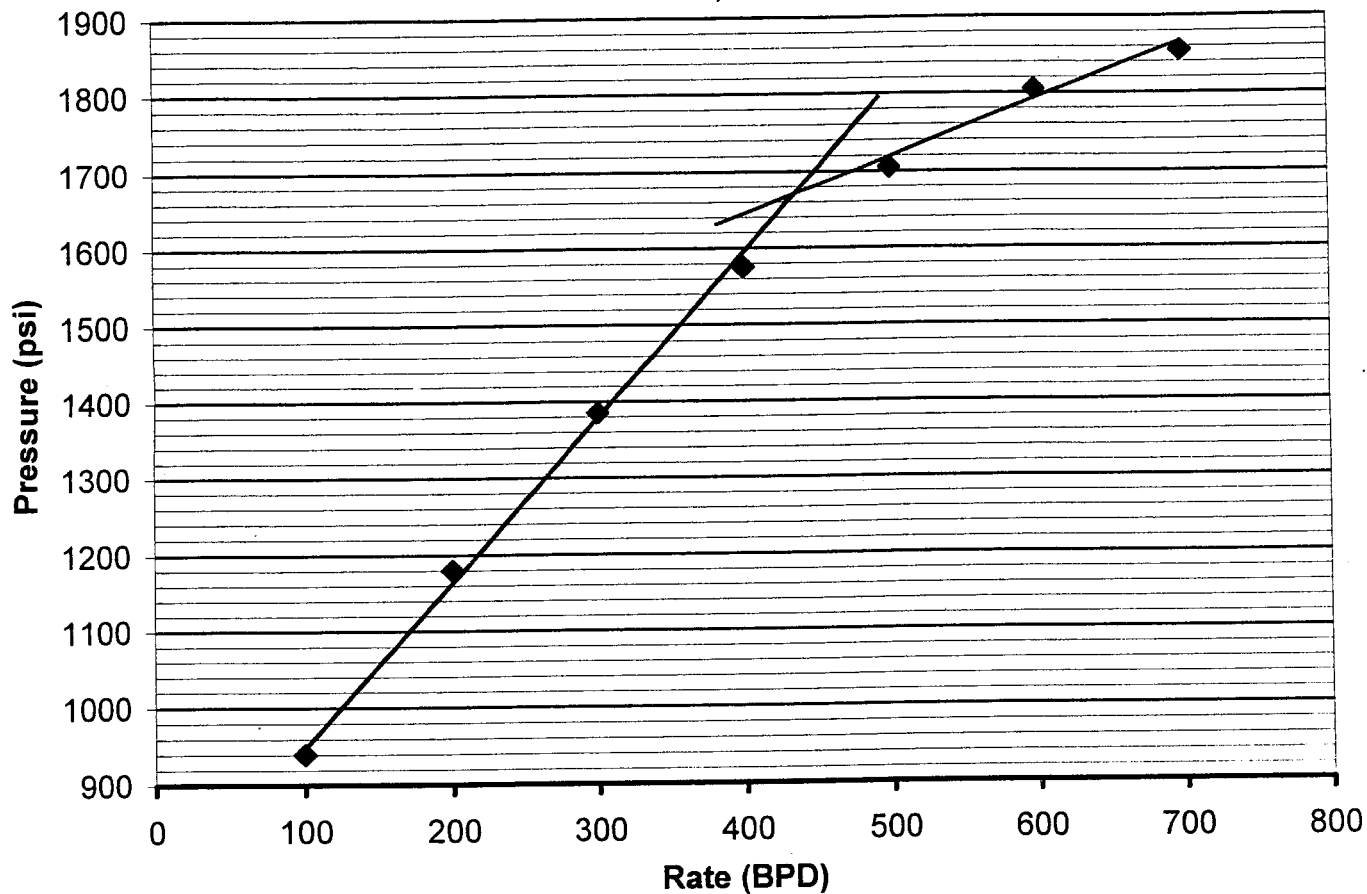
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

NOV 04 2003

UTAH DIVISION OF OIL, GAS AND MINING

South Pleasant Valley 1-21-9-17
Lone Tree Unit
Step Rate Test
October 28, 2003



Start Pressure: 645 psi
Instantaneous Shut In Pressure (ISIP): 1855 psi
Top Perforation: 4680 feet
Fracture pressure (Pfp): 1670 psi
FG: 0.792 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	940
2	200	1180
3	300	1385
4	400	1575
5	500	1705
6	600	1805
7	700	1855

SOUTH PLANT. Vly.
1-21-9-17

DIFFERENTIAL
5.00%
10/28-03

DIFFERENTIAL
1.00%
10/28-03

88MAY
Kinnor



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

FEB 5 2004

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Mr. Michael Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20853-04507
South Pleasant Valley No. 1-21-9-17
NE NE Sec. 21 - T9S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Lone Tree Area Permit UT20853-00000 (Effective September 1, 1998), Part II, Section C.5.(b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the South Pleasant Valley No. 1-21-9-17 following receipt and approval of a valid Step-Rate Test (SRT).

On November 3, 2003, Inland Production Company (Inland) submitted an SRT, dated October 28, 2003, which was received by the EPA on November 5, 2003. The EPA approves a fracture gradient of 0.792 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 1380 psig to 1670 psig.



Printed on Recycled Paper

D = 4680 feet: Top perforation
 SG = Specific gravity: 1.005
 MIP = $[(0.792) - (0.433)(1.005)] 4680$
 MIP = 1670 psig.

Please send all compliance correspondence relative to this well to the ATTENTION: NATHAN WISER, at the letterhead address, citing MAIL CODE: 8ENF-UFO very prominently. You may call Mr. Wiser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,



Stephen S. Tuber
 Assistant Regional Administrator
 Office of Partnerships and
 Regulatory Assistance

cc: Maxine Natchees
 Chairperson
 Uintah & Ouray Business Committee
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 1401 Seventeenth Street - Suite 1000
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-UFO



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris

Signature: *Brian Harris*

Title: Engineering Tech.

Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris

Signature: *Brian Harris*

Title: Engineering Tech.

Date: 9/15/2004

(This space for State use only)

Transfer approved by: *[Signature]*Title: *Permit Services Manager*

Approval Date: 9-20-04

Comments:

Note: Indian Country wells will require EPA approval.

RECEIVED

SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****LONE TREE (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FED NGC 21-15	15	090S	170E	4301330614	12417	Federal	WI	A
NGC 24-15H FED	15	090S	170E	4301330681	12417	Federal	OW	P
FEDERAL 14-15H	15	090S	170E	4301331695	12417	Federal	WI	A
FEDERAL 13-15H	15	090S	170E	4301331698	12417	Federal	OW	P
S PLEASANT VALLEY 5-15-9-17	15	090S	170E	4301331886	12417	Federal	WI	A
S PLEASANT VALLEY 11-15-9-17	15	090S	170E	4301331991	12417	Federal	WI	A
S PLEASANT VALLEY 15-15-9-17	15	090S	170E	4301331992	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-15-9-17	15	090S	170E	4301332018	12417	Federal	OW	P
S PLEASANT VALLEY FED 6-15-9-17	15	090S	170E	4301332019	12417	Federal	OW	P
S PLEASANT VALLEY FED 7-15-9-17	15	090S	170E	4301332020	12417	Federal	WI	A
S PLEASANT VALLEY FED 10-15-9-17	15	090S	170E	4301332022	12417	Federal	OW	P
STATE 16-2	16	090S	170E	4301330552	12417	State	OW	TA
K JORGENSEN ST 16-4	16	090S	170E	4301330572	12417	State	WI	A
LONE TREE 10-16-9-17	16	090S	170E	4301332087	12417	State	OW	P
LONE TREE 15-16-9-17	16	090S	170E	4301332089	12417	State	OW	P
LONE TREE 16-16-9-17	16	090S	170E	4301332150	12417	State	OW	P
S PLEASANT VALLEY FED 2-20	20	090S	170E	4301331737	12417	Federal	OW	P
S PLEASANT VALLEY FED 1-21	21	090S	170E	4301331563	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-22	22	090S	170E	4301331522	12417	Federal	OW	P
S PLEASANT VALLEY FED 2-22-9-17	22	090S	170E	4301332023	12417	Federal	OW	P
S PLEASANT VALLEY FED 3-22-9-17	22	090S	170E	4301332024	12417	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU13905

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
LONE TREE UNIT

8. WELL NAME and NUMBER:

S PLEASANT VALLEY FED 1-21

2. NAME OF OPERATOR:

Newfield Production Company

9. API NUMBER:

4301331563

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

Monument Butte

4. LOCATION OF WELL: 0820 0699
FOOTAGES AT SURFACE: 0800 FNL 0550 FEL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/NE, 21, T9S, R17E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

09/22/2005

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - Step Rate Test

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on July 28, 2005. Results from the test indicate that the fracture gradient is .856 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1970 psi.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE

DATE 09/22/2005

(This space for State use only)

RECEIVED

OCT 03 2005

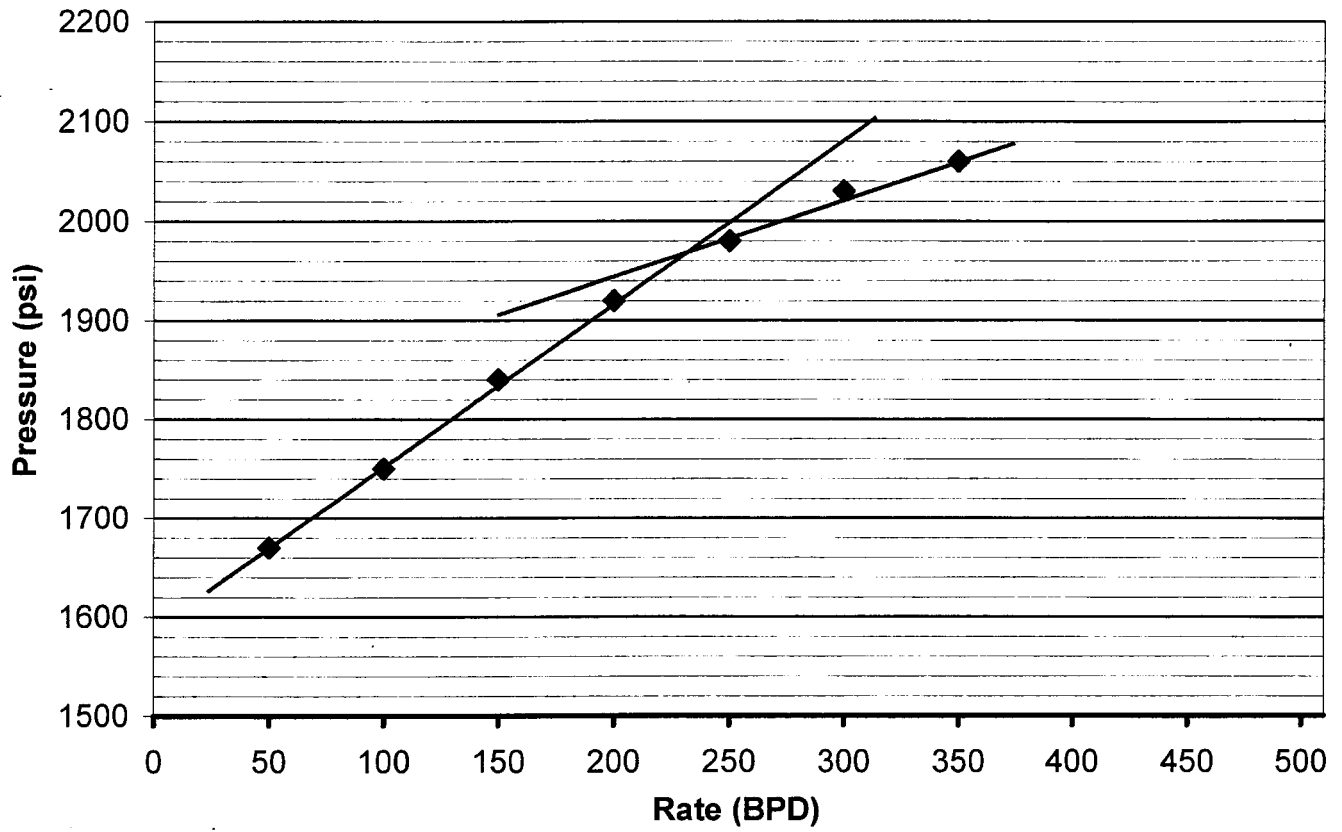
DIV. OF OIL, GAS & MINING

South Pleasant Valley 1-21-9-17

Lone Tree Unit

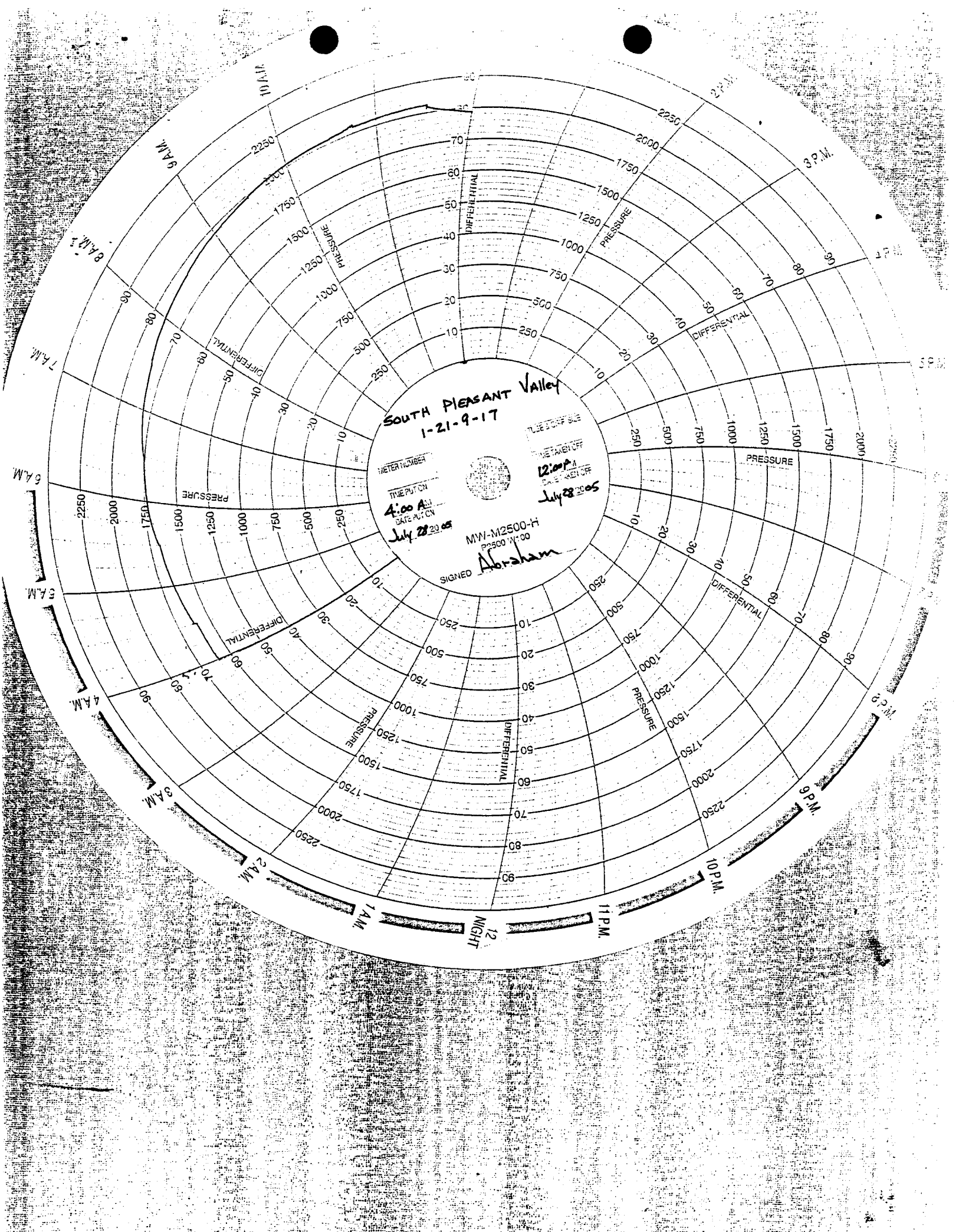
Step Rate Test

July 28, 2005



Start Pressure: 1600 psi
 Instantaneous Shut In Pressure (ISIP): 2040 psi
 Top Perforation: 4680 feet
 Fracture pressure (Pfp): 1970 psi
 FG: 0.856 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1670
2	100	1750
3	150	1840
4	200	1920
5	250	1980
6	300	2030
7	350	2060



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU13905
2. NAME OF OPERATOR: Newfield Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: LONE TREE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 0800 FNL 0550 FEL		8. WELL NAME and NUMBER: S PLEASANT VALLEY FED 1-21
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4301331563
6. COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Monument Butte
7. STATE: Utah		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	SubDate	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - 5 Year MIT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/11/2005			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/4/05 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/11/05. On 10/11/05 the csg was pressured up to 1080 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1650 psig during the test. There was not an EPA representative available to witness the test. EPA# 20853-04507 API# 43-013-31563.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 10/21/2005

(This space for State use only)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.
UTU13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
LONE TREE UNIT

8. Well Name and No.
S PLEASANT VALLEY FED 1-21

9. API Well No.
4301331563

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Injection well

2. Name of Operator
Newfield Production Company

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
0800 FNL 0550 FEL
NE/NE Section 21 T9S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	5 Year MIT
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/4/05 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/11/05. On 10/11/05 the csg was pressured up to 1080 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1650 psig during the test. There was not an EPA representative available to witness the test. EPA# 20853-04507 API# 43-013-31563.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Callie Duncan	Title Production Clerk
Signature <i>Callie Duncan</i>	Date 10/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 24 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10 / 11 / 2005
Test conducted by: J.D. Horrocks
Others present: _____

Well Name: <u>South Pleasant valley 1-21-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Lone Tree unit</u>		
Location: <u>NE/NE</u> Sec: <u>21</u> T <u>9</u> N <u>10</u> R <u>170</u> W County: <u>Duck Lake</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: _____ / _____ / _____ Maximum Allowable Pressure: <u>1670</u> PSIG		

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☒ Yes ☐ No If Yes, rate: 7 bpd

Pre-test casing/tubing annulus pressure: 0 psig

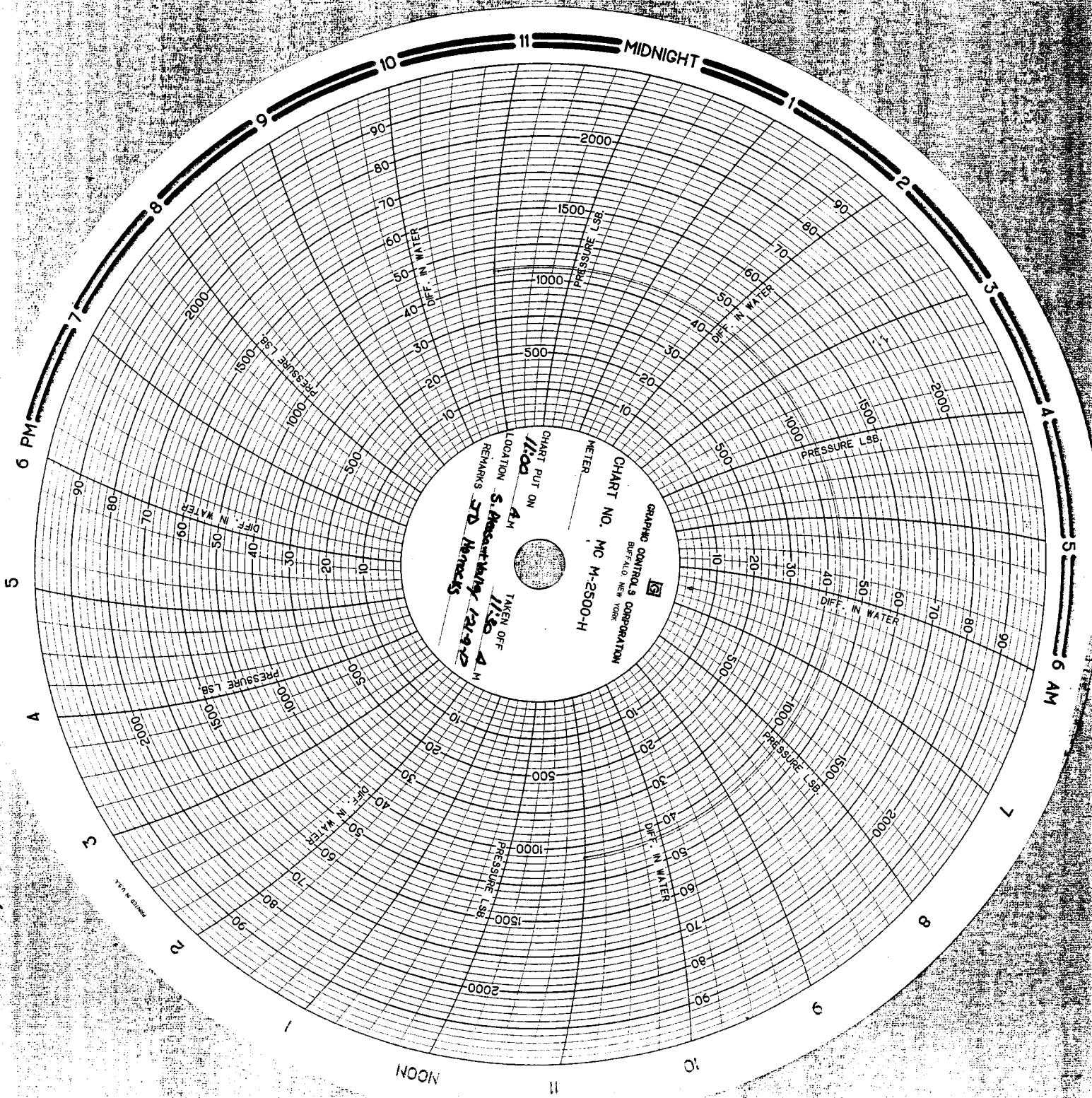
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1650</u> psig	psig	psig
End of test pressure	<u>1650</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1080</u> psig	psig	psig
5 minutes	<u>1080</u> psig	psig	psig
10 minutes	<u>1080</u> psig	psig	psig
15 minutes	<u>1080</u> psig	psig	psig
20 minutes	<u>1080</u> psig	psig	psig
25 minutes	<u>1080</u> psig	psig	psig
30 minutes	<u>1080</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 200
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 21 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
Vice President - Operations
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84502

RECEIVED

OCT 26 2005

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43.013.31563

RE: UNDERGROUND INJECTION CONTROL (UIC)
Minor Permit Modification
Increase Injection Pressure: No. 3
EPA Permit No. UT20853-04507
South Pleasant Valley No. 1-21-9-17
NE NE Sec. 21 - T9S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Region VIII Ground Water Program offices of the Environmental Protection Agency (EPA) received from Newfield Production Company (Newfield) the results and analysis of a July 28, 2005 Step-Rate Test (SRT) run on the South Pleasant Valley No. 1-21-9-17 enhanced recovery injection well, EPA Permit No. UT20853-04507. Included with the results was a request to increase the maximum allowable injection pressure (MAIP) from 1670 psig to 1970 psig.

EPA has reviewed the Permit File, and the submitted SRT information show that the formation parting pressure of the injection zone was reached under the conditions recorded during the test. Based upon this test and the EPA analysis, the Director has determined that a pressure of 1970 psig, measured at the surface, is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone overlying the injection zones, and underground sources of drinking water (USDW) will continue to be protected.



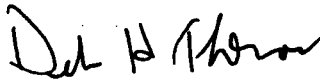
Therefore, pursuant to 40 CFR §144.41 (e), the EPA hereby modifies EPA Permit No. 20853-04507 and authorizes a MAIP of 1970 psig for the South Pleasant Valley No. 1-21-9-17 enhanced recovery injection well.

Should Newfield in the future choose to request a modification to the approved MAIP, new supporting data such as a new SRT will be required as part of your request. In order to inject at pressures greater than the permitted MAIP during any future test(s), the permittee must receive prior authorization from the Director.

If you have any questions in regard to the above action, please contact Dan Jackson of my staff by calling 303-312-6155, or 1-800-227-8917 (Ext. 6155).

Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, at the letterhead address citing **MAIL CODE: 8ENF-UFO** very prominently. You may call Mr. Wiser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Operations Engineer
Newfield Production Company
Denver, Colorado

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Matt Baker
Petroleum Engineer
Bureau of Land Management
Vernal District

Nathan Wiser
8ENF-UFO

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-13905
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 800 FNL 550 FEL		8. WELL NAME and NUMBER: S PLEASANT VALLEY FED 1-21
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 21, T9S, R17E		9. API NUMBER: 4301331563
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/21/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 09/13/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/21/2010 the casing was pressured up to 1410 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1874 psig during the test. There was an EPA representative available to witness the test. (Sarah Roberts)

EPA# UT20853-04507 API# 43-013-31563

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 09/22/2010

(This space for State use only)

RECEIVED

SEP 27 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: Sarah Roberts Date: 9 / 21 / 10
Test conducted by: Alfred Rios
Others present: JD Horrocks

Well Name: <u>South Pleasant Valley 1-21-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>1-21-9-17</u> Sec: <u>21</u> T <u>9</u> N <u>8</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Newfield</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1970</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: bpd

Pre-test casing/tubing annulus pressure: 0 psig

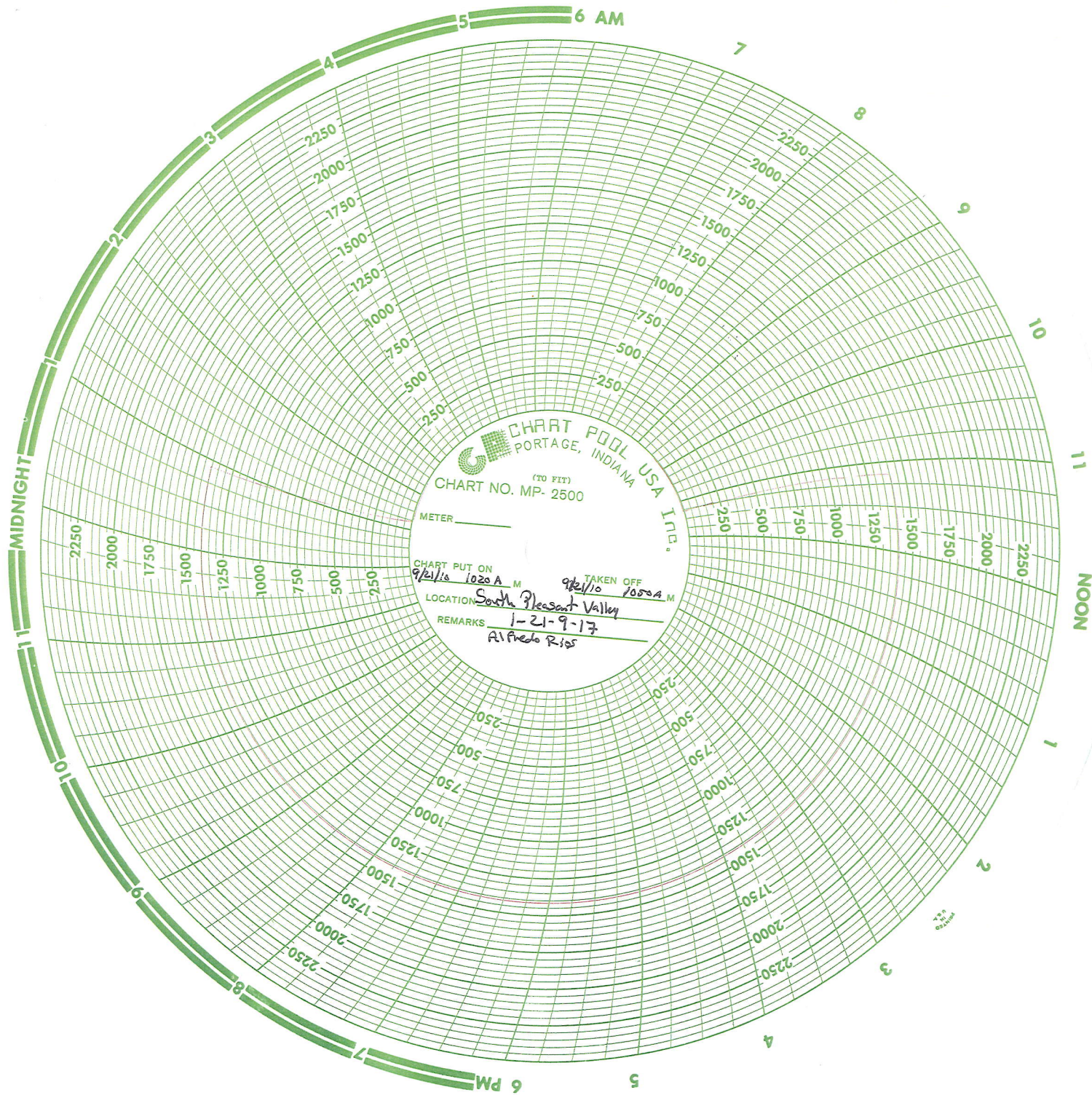
MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure		<u>1874</u> psig	psig	psig
End of test pressure		psig	psig	psig
CASING / TUBING		ANNULUS PRESSURE		
0 minutes		<u>1410</u> psig	psig	psig
5 minutes		<u>1410</u> psig	psig	psig
10 minutes		<u>1410</u> psig	psig	psig
15 minutes		<u>1410</u> psig	psig	psig
20 minutes		<u>1410</u> psig	psig	psig
25 minutes		<u>1410</u> psig	psig	psig
30 minutes		<u>1410</u> psig	psig	psig
_____ minutes		psig	psig	psig
_____ minutes		psig	psig	psig
RESULT		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: S PLEASANT VALLEY FED 1-21
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0820 FNL 0699 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013315630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/19/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. Workover MIT performed on the above listed well. On 09/19/2014 the csg was pressured up to 1403 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04507		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 02, 2014		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/25/2014	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 9 11 9 114Test conducted by: Brendan Curry

Others present: _____

Well Name: <u>S. Pleasant Valley Fed. 1-21-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>1</u>	Sec: <u>21</u>	T <u>9</u> N <u>15</u> R <u>17</u> E <u>W</u> County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Company</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
 Initial test for permit? ☐ Yes ☒ No
 Test after well rework? ☒ Yes ☐ No
 Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/600 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>600</u> psig	psig	psig
End of test pressure	<u>600</u> psig	psig	psig
CASING / TUBING	ANNULUS	PRESSURE	
0 minutes	<u>1402</u> psig	psig	psig
5 minutes	<u>1403</u> psig	psig	psig
10 minutes	<u>1404</u> psig	psig	psig
15 minutes	<u>1403</u> psig	psig	psig
20 minutes	<u>1403</u> psig	psig	psig
25 minutes	<u>1403</u> psig	psig	psig
30 minutes	<u>1403</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

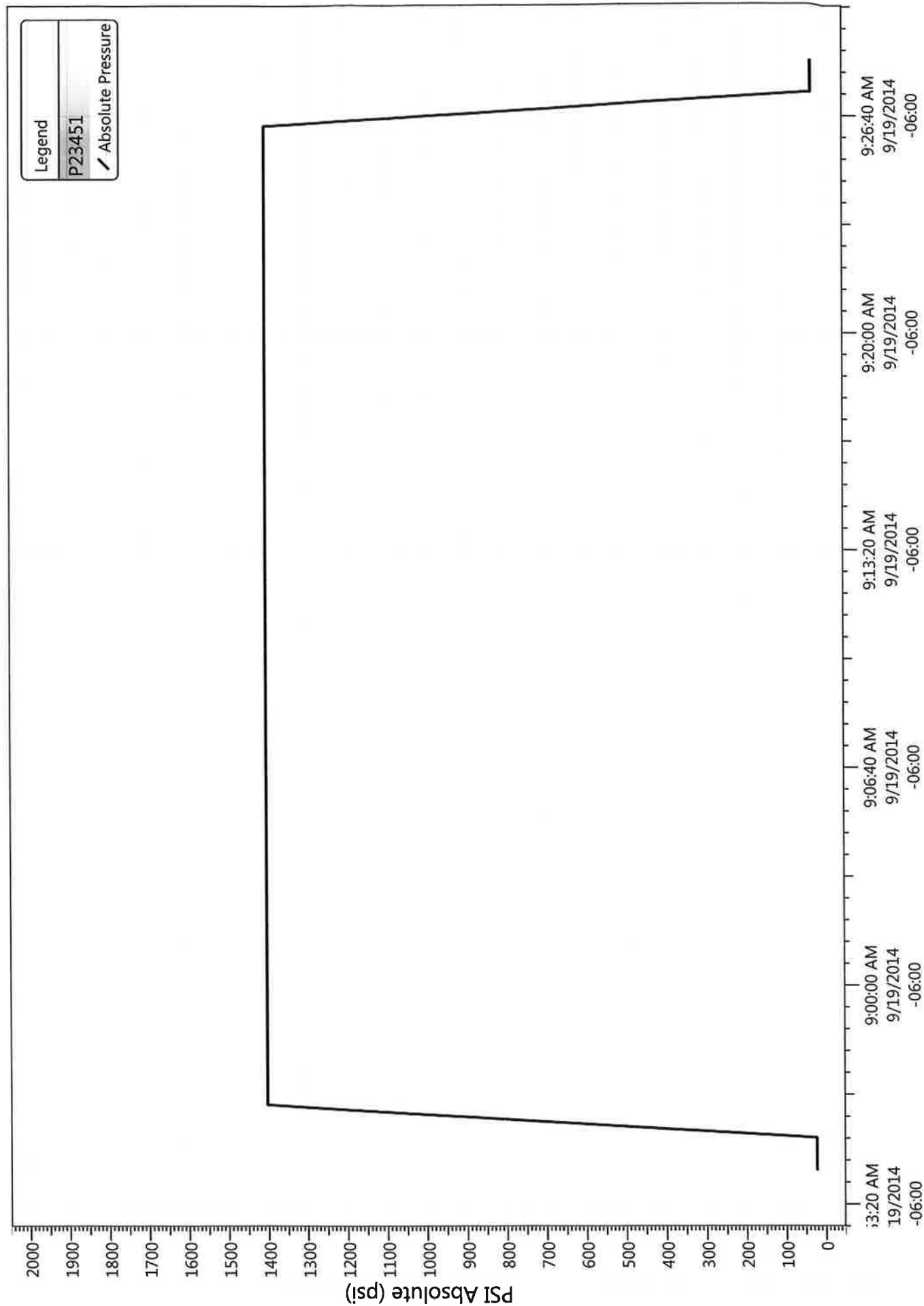
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

1-21-9-17 Workover MIT

9/19/2014 8:54:09 AM





Job Detail Summary Report

Sundry Number: 55982 API Well Number: 43013315630000

Well Name: S PLSNT Vly 1-21-9-17

Jobs		Job Start Date	Job End Date
Primary Job Type	Repairs	9/16/2014	9/19/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
9/16/2014	9/16/2014	ROADED RIG MIRU	
Start Time	10:00	End Time	11:00
Start Time	11:00	End Time	12:00
Start Time	12:00	End Time	15:00
Start Time	15:00	End Time	16:00
Start Time	16:00	End Time	17:00
Start Time	17:00	End Time	19:00
Start Time	19:00	End Time	20:30
Report Start Date	Report End Date	24hr Activity Summary	
9/17/2014	9/17/2014	TOOH	
Start Time	05:30	End Time	07:00
Start Time	07:00	End Time	07:15
Start Time	07:15	End Time	09:00
Start Time	09:00	End Time	11:00
Start Time	11:00	End Time	15:00
Start Time	15:00	End Time	16:00
Start Time	16:00	End Time	17:00
Start Time	17:00	End Time	18:30
Report Start Date	Report End Date	24hr Activity Summary	
9/18/2014	9/18/2014	TIH TEST TBG, TEST CSG	
Start Time	05:30	End Time	07:00
Start Time	07:00	End Time	07:15
Start Time	07:15	End Time	09:00
Start Time	09:00	End Time	11:00
Start Time	11:00	End Time	13:00



Job Detail Summary Report

Well Name: S PLSNT Vly 1-21-9-17

Start Time	13:00	End Time	14:00
		Comment RU SL, RIH W/ SL, RETRIEVED SV, POOH W/ SL/SV	
Start Time	14:00	End Time	15:00
		Comment RU RIG FLOOR, ND BOPS, NU INJECTION WH, CIRCULATED 50 BBLs OF PKR FLUID DOWN CSG	
Start Time	15:00	End Time	16:00
		Comment SET PKR, LANDED WH IN 15K# TENSION, PRESSURED UP TO 1400PSI	
Start Time	16:00	End Time	17:00
		Comment WATCHED PRESSURE, PT CSG TO 1400 PSI, HELD 100% FOR 45MIN, GOOD TEST, SIWFN	
Start Time	17:00	End Time	18:30
		Comment CREW TRAVEL	
Report Start Date 9/19/2014	Report End Date 9/19/2014	24hr Activity Summary PT CSG, MOVE TO NEXT WELL CONDUCT MIT	
Start Time	05:30	End Time	07:00
		Comment CREW TRAVEL	
Start Time	07:00	End Time	07:15
		Comment JSA SAFETY MEETING	
Start Time	07:15	End Time	10:00
		Comment WAITED ON MIT, MIT GOOD Workover MIT performed on the above listed well. On 09/19/2014 the casing was pressured up to 1403 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not an EPA representative available to witness the test.	
		EPA #UT22197-04507	
Start Time	10:00	End Time	11:00
		Comment RD RIG MOSL, PRE-TRIP ROAD INSPECTION	

NEWFIELD

Schematic

Well Name: S PLSNT Vly 1-21-9-17

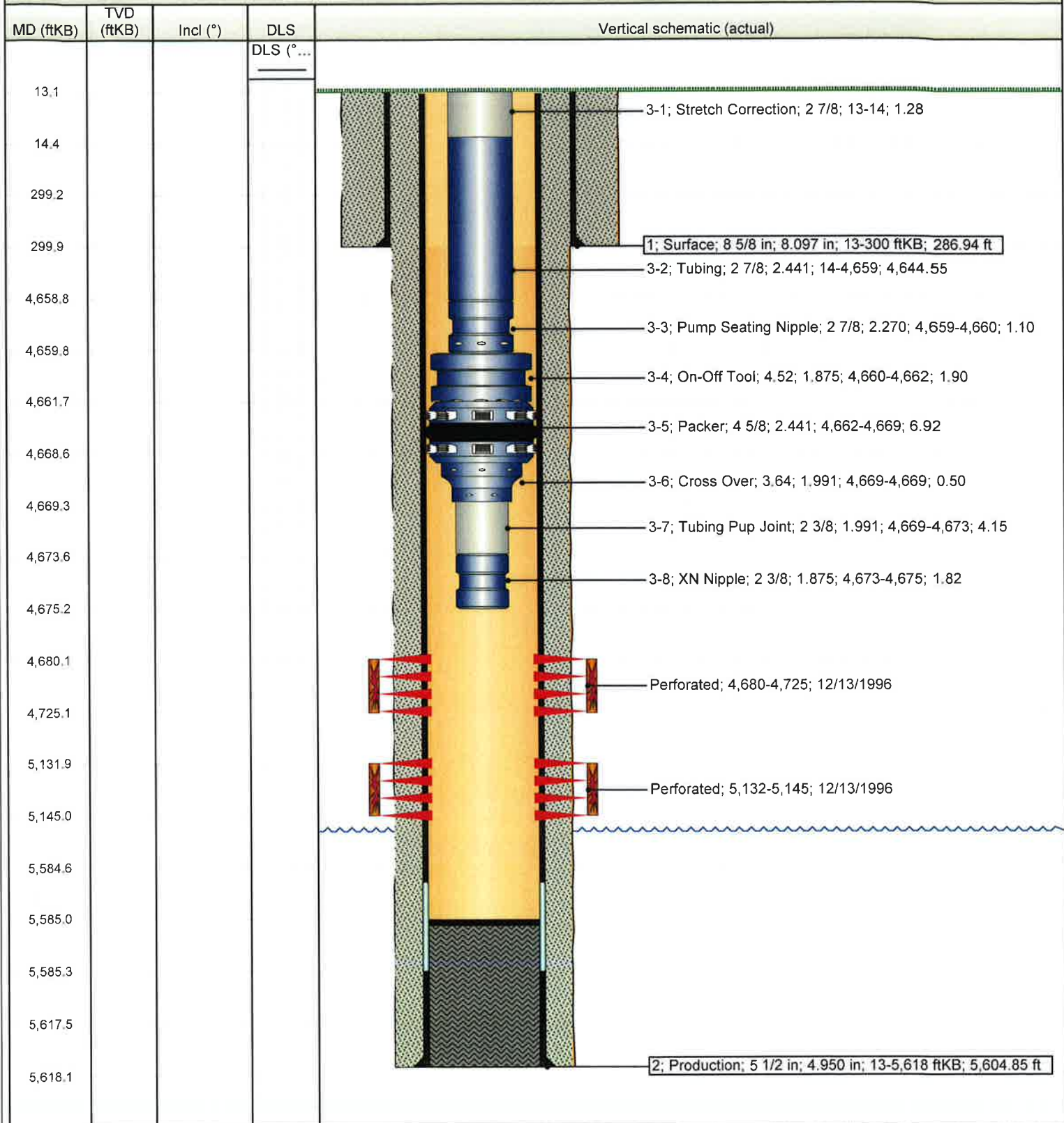
Surface Legal Location 21-9S-17E		API/UWI 43013315630000	Well RC 500150797	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 2/23/1996	Original KB Elevation (ft) 5,285	Ground Elevation (ft) 5,272	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,585.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Tubing Repair	Job Start Date 9/16/2014	Job End Date 9/19/2014
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	---------------------------

TD: 5,618.0

Vertical - Original Hole, 9/23/2014 11:24:50 AM



NEWFIELD**Newfield Wellbore Diagram Data
S PLSNT Vly 1-21-9-17**

Surface Legal Location 21-9S-17E		API/UWI 43013315630000		Lease	
County DUCHESENE	State/Province Utah	Basin		Field Name GMBU CTB6	
Well Start Date 12/20/1995	Spud Date	Final Rig Release Date		On Production Date 2/23/1996	
Original KB Elevation (ft) 5,285	Ground Elevation (ft) 5,272	Total Depth (ftKB) 5,618.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,585.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	12/20/1995	8 5/8	8.097	24.00	J-55	300
Production	1/7/1996	5 1/2	4.950	15.50	J-55	5,618

Cement**String: Surface, 300ftKB 12/21/1995**

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 300.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description V+2% GEL + 2% Cacl w/ 1/4#/ sk flocele	Fluid Type Lead	Amount (sacks) 120	Class PREM LITE	Estimated Top (ftKB) 13.0

String: Production, 5,618ftKB 1/8/1996

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 5,618.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 235	Class Hilfill	Estimated Top (ftKB) 13.0
Fluid Description	Fluid Type Tail	Amount (sacks) 215	Class Thixo	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description Tubing				Run Date 9/19/2014	Set Depth (ftKB) 4,675.2			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8				1.28	13.0	14.3
Tubing	149	2 7/8	2.441	6.50	J-55	4,644.55	14.3	4,658.8
Pump Seating Nipple	1	2 7/8	2.270		N-80	1.10	4,658.8	4,659.9
On-Off Tool	1	4.515	1.875			1.90	4,659.9	4,661.8
Packer	1	4 5/8	2.441			6.92	4,661.8	4,668.8
Cross Over	1	3.635	1.991			0.50	4,668.8	4,669.3
Tubing Pup Joint	1	2 3/8	1.991		J-55	4.15	4,669.3	4,673.4
XN Nipple	1	2 3/8	1.875		N-80	1.82	4,673.4	4,675.2

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
2	A, Original Hole	4,680	4,725	4			12/13/1996
1	CP, Original Hole	5,132	5,145	4			12/13/1996

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,043	0.81	20.0	1,913			
1	2,043	0.81	20.0	1,913			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 134340 lb
1		Proppant White Sand 134340 lb



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED

OCT 09 2014

OCT 14 2014

Ref: 8ENF-UFO

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7008-3230-0003-0724-9332
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

21 95 17E

Re: Underground Injection Control (UIC)
Permission to Resume Injection
So Pleasant Valley 1-21-9-17 Well
EPA ID# UT22197-04507
API # ~~43-013-31563~~
Lone Tree Oil Field
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Horrocks:

On September 30, 2014, the Environmental Protection Agency received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on September 19, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before September 19, 2019.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Don Breffle at (303) 312-6198. Please direct all correspondence to the attention of Don Breffle at Mail Code 8ENF-UFO.

Sincerely,



Arturo Palomares, Director
Water Technical Enforcement Program
Office of Enforcement, Compliance
and Environmental Justice

cc: Gordon Howell, Chairman
Uintah & Ouray Business Committee
P.O. Box 70
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Executive Assistant
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Tony Small, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Bruce Ignacio, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

John Rogers, Associate Director,
Oil & Gas
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114